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Bowdoin College Bulletin

Number 62

December, 1915

Annual Catalogue 1915-1916

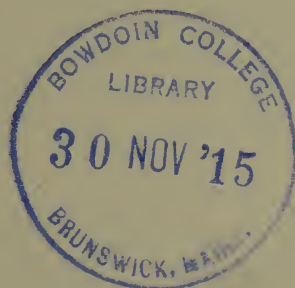


Brunswick, Maine

Entered as second-class matter, June 28, 1907, at Brunswick, Maine
under Act of Congress of July 16, 1894

ANNUAL CATALOGUE
OF
BOWDOIN COLLEGE

1915-1916



BRUNSWICK, MAINE

1915

1915	1916	1917
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Calendar

BOWDOIN COLLEGE

1915.

September 23 . . First Semester began—Thursday, 8.20 A. M.

October 12 . . . Columbus Day.

*Thanksgiving recess from 12.30 P. M. November 24 to
8.20 A. M. November 29.*

*Vacation from 4.30 P. M. December 23 to 8.20 A. M.
January 4, 1916.*

1916.

January 20 . . . Class of 1868 Prize Speaking.

Jan. 27-Feb. 5 . . Examinations of the First Semester.

February 7 . . . Second Semester begins—Monday, 8.20 A. M.

February 22 . . . Washington's Birthday.

Vacation from 4.30 P. M. March 24 to 8.20 A. M. April 4.

April 19 . . . Patriots' Day.

May 30 . . . Memorial Day.

June 2 . . . Ivy Day.

June 1-3 . . . Entrance Examinations at Preparatory
Schools and at the College.

June 8-17 . . . Examinations of the Second Semester.

June 18 . . . The Baccalaureate Sermon, 4 P. M.

June 19 . . . Alexander Prize Speaking.

June 20 . . . Class Day.

Meeting of the Trustees and Overseers.

June 21 . . . Annual Meeting of the Phi Beta Kappa,
Alpha of Maine.

Annual Meeting of the Alumni Association.

The President's Reception.

June 22 . . . The Commencement Exercises.

The Commencement Dinner.

Summer Vacation of Thirteen Weeks.

Sept. 18-20 . . . Entrance Examinations at the College.

Bowdoin College

September 21 . First Semester begins—Thursday, 8.20 A. M.
Thanksgiving recess from 12.30 P. M. November 29 to
8.20 A. M. December 4.
Vacation from 12.30 P. M. December 23 to 8.20 A. M.
January 2, 1917.

1917.

Jan. 25-Feb. 3 . Examinations of the First Semester.
February 5 . . Second Semester begins—Monday, 8.20 A. M.
June 28 . . . Commencement.

BOWDOIN MEDICAL SCHOOL

1915.

October 14 . . Ninety-fourth annual course began.
Entrance Examinations for First Year Students, in Brunswick.
October 15-16 . Re-examinations, deferred Examinations,
and Examinations for Advanced Standing.
Thanksgiving recess from 1.30 P. M. November 24 to
8 A. M. November 29.
Vacation from 6 P. M. December 22 to 8 A. M. January
4, 1916.

1916.

February 22 . Washington's Birthday.
Vacation from 12.00 A. M. March 25 to 8 A. M. April 4.
April 19 . . . Patriots' Day.
May 30 . . . Memorial Day.
June 7-21 . . Examinations.
June 22 . . . Commencement Exercises.
Summer Vacation of Sixteen Weeks.

Office Hours

The Treasurer, Massachusetts Hall; 9 to 12, 2 to 4; Saturday,
9 to 12.

The Dean, Massachusetts Hall; 12.30 to 1 daily except Saturday;
2 to 3, Monday, Tuesday and Friday. The office is open
every afternoon except Saturday from 1.30 to 4.30.

BOWDOIN COLLEGE

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The College was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Honorable James

Bowdoin College

Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minister at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his lifetime he gave land, money, and apparatus to the College, and at his death made it by will, his residuary legatee.

Circumstances delayed the opening of the College for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The government of the College is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was established by the first legislature of the new State of Maine, and made a department of Bowdoin College.

The academical, medical and honorary graduates number together six thousand two hundred and thirty-nine; and nearly half as many more have studied here without taking degrees. The living graduates number about two thousand seven hundred and ninety.

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FROM THE FACULTY

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211 State Street, Portland.

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of*
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183 Maine Street.

*The residence is in Brunswick, except as otherwise stated.

†Died, Aug. 6, 1915.

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EDITH JENNEY BOARDMAN, *Cataloguer.* 2 High Street.
ALICE CURTIS LITTLE, *Secretary.* 15 Potter Street.
ANNA ELIZABETH SMITH, *Curator of the Art Collections.* 50 Federal Street.

College Preachers

REV. WILLARD LEAROYD SPERRY, A.M., *Boston, Mass.*
REV. CHARLES REYNOLDS BROWN, D.D., *New Haven, Conn.*
REV. ALBERT PARKER FITCH, D.D., *Cambridge, Mass.*
REV. EDWARD FREDERICK SANDERSON, *Brooklyn, N. Y.*

Lecturers

PROFESSOR FREDERIC HENRY GERRISH, M.D., LL.D.,
Benjamin Apthorp Gould Fuller Lecturer.
PROFESSOR FELIX EMANUEL SCHELLING, PH.D., LITT.D.,
LL.D., *Annie Talbot Cole Lecturer.*

STUDENTS

Undergraduates

ABBREVIATIONS:

A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall.

Candidates for the degree of A.B. have an A after their names, candidates for the degree of B.S., have an S, and students enrolled in the Medical Preparatory Course have an M.

SENIORS—Class of 1916

Name	Residence	Room
Barrett, Ralph Lester	A <i>E. Sumner,</i>	Δ. K. E. House.
Bate, Francis Howard	A <i>Ticonderoga, N. Y.,</i>	11 Jordan Ave.
Baxter, John Lincoln	A <i>Brunswick,</i>	Δ. K. E. House.
Beal, George Ernest	A <i>Lisbon Falls,</i>	Θ. Δ. X. House.
Bird, Adriel Ulmer	A <i>Rockland,</i>	B. Θ. Π. House.
Brackett, James Scott	A <i>Phillips,</i>	Δ. T. House.
Brewster, James Hiram	A <i>Lisbon Falls,</i>	Bowdoin Club.
Bridge, Harry Pearlton	S <i>Brunswick,</i>	59 Harpswell St.
Brown, Sydney MacGillvary	A <i>Webster, Mass.,</i>	7 Cleaveland St.
Burnham, Vaughan Forrest	A <i>Portland,</i>	13 M. H.
Burr, Kenneth Towle	S <i>Dorchester, Mass.,</i>	Θ. Δ. X. House.
Campbell, Robert, Jr.,	A <i>Everett, Mass.,</i>	K. Σ. House.
Canney, Aaron Wallace	A <i>N. Parsonsfield,</i>	9 Noble St.
Carter, Philip Linwood	A <i>Portland,</i>	3 M. H.
Cartland, Laurence Winslow	S <i>Saco,</i>	19 M. H.
Chase, Walter Emery, Jr.	A <i>Bath,</i>	Ψ. T. House.
Churchill, John Doane	A <i>Minot,</i>	Δ. T. House.
Cronin, Eugene Joseph	A <i>Lewiston,</i>	K. Σ. House.
Crossman, Alfred Hall	A <i>Newton Centre, Mass.,</i>	Δ. T. House.
Cruft, Frederick Ellery	S <i>W. Roxbury, Mass.,</i>	Ψ. T. House.
Drapeau, Eudore Alphonse	A <i>Brunswick,</i>	10 Mason St.
Drummond, Robert Rutherford	A <i>Portland,</i>	Δ. K. E. House.
Dunn, James Alfred	A <i>Malden, Mass.,</i>	23 W. H.
Dyar, Malcolm Henry	A <i>Freeman,</i>	8 McKean St.
Edwards, Don Jerome	S <i>Portland,</i>	Z. Ψ. House.

Students

Name		Residence	Room
Elliott, Lowell Allison		S <i>Haverhill, Mass.</i> ,	K. Σ. House.
Evans, Ora Liston		A <i>Dover</i> ,	Z. Ψ. House.
Foster, Herbert Henry		A <i>Seattle, Wash.</i> ,	7 M. H.
Fraser, Samuel		S <i>Masardis</i> ,	23 M. H.
Fuller, Richard Stearns		A <i>Rockland</i> ,	Δ. K. E. House.
Garland, Edward Philip		A <i>Bangor</i> ,	B. Θ. II. House.
George, Donald Payson		S <i>Thomaston</i> ,	86 Federal St.
Ginty, Allan Joseph		A <i>Boston, Mass.</i> ,	K. Σ. House.
Goodskey, Alex John		A <i>Collinsville, Conn.</i> ,	Z. Ψ. House.
Grierson, George Douglas		A <i>South Portland</i> ,	Δ. T. House.
Haggett, Amos Bartlett		A <i>Bath</i> ,	A. Δ. Φ. House.
Hale, Myron Eusebius	A	<i>Roxbury, Mass.</i> ,	Harvard Medical School.
Hall, Chauncey Alfred		S <i>Augusta</i> ,	B. Θ. II. House.
Hart, Lawrence Joseph		A <i>Bath</i> ,	29 A. H.
Hawes, Edward Cary		A <i>Bangor</i> ,	9 M. H.
Head, Alden Fairfield		A <i>Bangor</i> ,	Ψ. T. House.
Hescock, Hugh Merrill		A <i>Foxcroft</i> ,	Z. Ψ. House.
Hight, Donald Clarke		S <i>Athens</i> ,	K. Σ. House.
Hodgkins, Carroll William		A <i>Portsmouth, N.H.</i> ,	Bowdoin Club.
Ireland, William Dunning		S <i>Stetson</i> ,	B. Θ. II. House.
Irving, Laurence		A <i>West Roxbury, Mass.</i> ,	7 A. H.
Kelley, David Francis		A <i>Gardiner</i> ,	Ψ. T. House.
Kinsey, Alfred Charles		S <i>South Orange, N. J.</i> ,	Z. Ψ. House.
Larrabee, Raymond Horace		A <i>Bridgton</i> ,	Bowdoin Club.
Leadbetter, Guy Whitman		A <i>South Lincoln</i> ,	23 A. H.
Little, Edward Robert		A <i>Brunswick</i> ,	15 Potter St.
Littlefield, Arthur Eldredge		S <i>Dorchester, Mass.</i> ,	Θ. Δ. X. House.
Lord, William Mason Bradley		A <i>Portland</i> ,	Freeport.
MacDonald, Charles Creighton		A <i>Richmond</i> ,	Richmond.
McElwee, Leland Stanford		A <i>Houlton</i> ,	Δ. K. E. House.
Merrill, Urban Howe		A <i>Lawrence, Mass.</i> ,	Θ. Δ. X. House.
Moulton, James Burleigh		S <i>East Brownfield</i> ,	B. Θ. II. House.
Nickerson, Norman Hunt		A <i>Red Beach</i> ,	17 Cleaveland St.
Niven, Paul Kendall		A <i>Providence, R. I.</i> ,	Z. Ψ. House.
Noble, Lew Maurice		A <i>Phillips</i> ,	A. Δ. Φ. House.
Olson, Gordon Wesley		A <i>W. Somerville, Mass.</i> ,	3 M. H.
Parmenter, LeClare Fall		A <i>Portland</i> ,	17 Cleaveland St.
Parmenter, Ralph Colby		A <i>Portland</i> ,	1 M. H.
Parsons, Hayward Treat		A <i>Augusta</i> ,	13 A. H.
Pettingill, Lee Duren		S <i>Lewiston</i> ,	Δ. T. House.
Proctor, Maurice Clifton		A <i>Portland</i> ,	Bowdoin Club.
Richardson, Raymond Miller		A <i>Lynn, Mass.</i> ,	29 M. H.

Bowdoin College

Name	Residence	Room
Robie, John Waterman	A <i>Gorham,</i>	A. Δ. Φ. House.
Sayward, Dwight Harold	A <i>Portland,</i>	7 W. H.
Shwartz, Abraham Seth	A <i>Portland,</i>	14 W. H.
Stratton, Earle Revere	A <i>Hudson, Mass.,</i>	Δ. T. House.
Stuart, George Richard	A <i>Augusta,</i>	Δ. K. E. House.
Thomas, Harry Sanborn	A <i>Farmington Falls,</i>	252 Maine St.
Trust, Harry	A <i>London, Eng.,</i>	K. Σ. House.
Weatherill, Philip Francis	A <i>Arlington, Mass.,</i>	A.Δ.Φ. House.
Webber, Leigh	A <i>Hallowell,</i>	B.Θ.Π. House.
Weick, Carl Alfred	A <i>Springfield,</i>	13 A. H.
White, Donald Sherman	A <i>Indianapolis, Ind.,</i>	7 Cleaveland St.
White, Langdon Robert	S <i>Bath,</i>	11 Jordan Ave.
Winter, John Glenwood	A <i>Kingfield,</i>	Δ. T. House.
Wood, Henry Gerard	A <i>Steuben,</i>	Θ. Δ. X. House.
Woodman, Willard Paine	A <i>Peabody, Mass.,</i>	A. Δ. Φ. House.
Yenetchi, Ivan Hyde	A <i>Scituate, Mass.,</i>	Θ. Δ. X. House.

JUNIORS—Class of 1917

Name	Residence	Room
Achorn, Erik	A <i>Newton Highlands, Mass.,</i>	16 M. H.
Allen, Charles Edward	A <i>Freeport,</i>	Freeport.
Babcock, Leon Warren	A <i>Lewiston,</i>	Δ. T. House.
Bartlett, Boyd Wheeler	A <i>Castine,</i>	Δ. K. E. House.
Bartlett, Fred Oscar, Jr.	A <i>Rockland,</i>	B. Θ. Π. House.
Biggers, Lowry Andrews	A <i>Webster Groves, Mo.,</i>	21 A. H.
Bingham, Charles	A <i>Indianapolis, Ind.,</i>	7 Cleaveland St.
Blanchard, Edwin Howard	A <i>Augusta,</i>	Z. Ψ. House.
Bond, Edward Henry	A <i>Allston, Mass.,</i>	17 A. H.
Bowdoin, Clifton Wentworth	A <i>Dexter,</i>	10 Harpswell Place.
Bradford, Benjamin Pliny	A <i>Wayne,</i>	14 A. H.
Burleigh, Donald Quimby	A <i>Augusta,</i>	9 A. H.
Campbell, Boniface	S <i>Portland,</i>	Θ. Δ. X. House.
Chapman, Arthur Burton	A <i>Syracuse, N. Y.,</i>	Δ. K. E. House.
Cobb, Philip Hacker	A <i>Denmark,</i>	26 A. H.
Cobb, Roland Hacker	A <i>Denmark,</i>	26 A. H.
Colbath, George Edwin	A <i>Dexter,</i>	Δ. K. E. House.
Colby, Raymond Foster	A <i>Richmond,</i>	6 Potter St.
Cook, Earle Warren	A <i>Jamaica Plain, Mass.,</i>	10 W. H.
Corbett, Frederick Jackson	S <i>Boston, Mass.,</i>	K. Σ. House.
Cormack, William Sinclair, Jr.	A <i>Newton, Mass.,</i>	Δ. T. House.

Students

Name	Residence	Room
Crane, Percy Fremont	S <i>Whiting,</i>	Δ. T. House.
Crosby, Clarence Henry	A <i>Dexter,</i>	Δ. K. E. House.
Davis, Kenneth Wayne	S <i>Monson,</i>	252 Maine St.
Dow, Lafayette Francis	A <i>South Paris,</i>	21 W. H.
Fenning, Walter Arnold	A <i>Lynn, Mass.,</i>	Bowdoin Club.
Fillmore, Robert Newell	A <i>Old Orchard,</i>	30 M. H.
Flynt, Leigh Damon	A <i>Augusta,</i>	B. Θ. II. House.
Fobes, Theodore Burgess	A <i>Portland,</i>	20 M. H.
Gillespie, Eugene Morrill	A <i>Gardiner,</i>	Δ. T. House.
Glidden, Jerry Dempsey	A <i>Presque Isle,</i>	Δ. T. House.
Gregory, Clarence Leslie	S <i>Warren,</i>	17 Cleaveland St.
Hargraves, Frank Hobart Lord	S <i>W. Buxton,</i>	Ψ. T. House.
Harrison, Wilfred Dixon	A <i>Freeport,</i>	9 Noble St.
Hone, Wendell Verne	A <i>Presque Isle,</i>	4 M. H.
Humphrey, Edward	S <i>Portland,</i>	31 A. H.
Kent, Paul Glen	S <i>Fitchburg, Mass.,</i>	Ψ. T. House.
King, Elwyn Austin	A <i>North Andover, Mass.,</i>	23 W. H.
Knapp, Richard Berry, Jr.	A <i>Wilton,</i>	22 M. H.
Lane, David Alphonso, Jr.	A <i>Washington, D. C.,</i>	32 W. H.
Leatherbarrow, George Edward	A <i>Limerick,</i>	22 Bank St.
Little, Noel Charlton	A <i>Brunswick,</i>	8 College St.
Lovejoy, Carroll Arthur	S <i>Woodfords,</i>	B. Θ. II. House.
McConaughy, Nathaniel Upham	A <i>New Dorp, N. Y.,</i>	B. Θ. II. House.
McIntire, Paul Hayes	A <i>Walnut Hill,</i>	12 M. H.
Maguire, Chester Corbin	S <i>Malden, Mass.,</i>	17 Cleaveland St.
Marston, Lawrence Howard	A <i>Wiscasset,</i>	Z. Ψ. House.
Miller, Harvey Daniel	A <i>Bangor,</i>	21 M. H.
Moran, Edward Carleton, Jr.	A <i>Rockland,</i>	K. Σ. House.
Noyes, Frank Earle	A <i>Topsham,</i>	Topsham.
Nute, William Percy	A <i>Wiscasset,</i>	Z. Ψ. House.
Oliver, James Churchill	A <i>South Portland,</i>	30 A. H.
Owen, Henry Weston	A <i>Saco,</i>	Δ. T. House.
Peacock, Deane Stanfield	A <i>Freeport,</i>	32 W. H.
Philbrick, Donald Ward	A <i>Skowhegan,</i>	Δ. K. E. House.
Phillips, Frank Edward	S <i>New Haven, Conn.,</i>	Θ. Δ. X. House.
Piedra, Harry Tiburt	A <i>New York, N. Y.,</i>	23 M. H.
Pierce, Dwight Wilson	A <i>Brunswick,</i>	9 Lincoln St.
Preston, John Fairbairn	A <i>Pawtucket, R. I.,</i>	K. Σ. House.
Ramsdell, Leroy Addison	S <i>Portland,</i>	Δ. T. House.
Rickard, Forbes, Jr.	S <i>Denver, Col.,</i>	A. Δ. Φ. House.
Ross, Carl Knight	A <i>Portland,</i>	20 M. H.
Sampson, Harold Howard	A <i>Dexter,</i>	B. Θ. II. House

Bowdoin College

Name	Residence	Room
Scott, Arthur Berton	A <i>Waldoboro,</i>	32 M. H.
Seward, James	A <i>Exeter, N. H.,</i>	14 A. H.
Shumway, Sherman Nelson	A <i>Skowhegan,</i>	Δ. K. E. House.
Spalding, Charles Parker	S <i>Lowell, Mass.,</i>	Δ. K. E. House.
Stone, Kenneth George	A <i>Wellesley, Mass.,</i>	Θ. Δ. X. House.
Stride, Joseph Burton	A <i>Biddeford,</i>	Δ. T. House.
Swift, Raymond Whitney	A <i>Augusta,</i>	B. Θ. II. House.
Thayer, Ralph Bruce	S <i>Enfield, Mass.,</i>	K. Σ. House.
True, Daniel Waterman	A <i>Portland,</i>	8 W. H.
Tuttle, Joseph Walton, Jr.	A <i>Saxonville, Mass.,</i>	3 A. H.
Webber, Isaac Mervyn	S <i>Weeks Mills,</i>	21 M. H.
White, Hal Saunders	A <i>Indianapolis, Ind.,</i>	4 W. H.
Wight, Winfield Emmons	A <i>Milan, N. H.,</i>	K. Σ. House.
Wiley, Frederick William	A <i>Carmel,</i>	32 M. H.
Young, Harold Seba	S <i>Auburn,</i>	Δ. T. House.

SOPHOMORES—Class of 1918

Name	Residence	Room
Albion, Robert Greenhalgh	A <i>Portland,</i>	14 M. H.
Allen, Richard Obadiah	A <i>Mount Desert,</i>	17 A. H.
Atkins, Morris Haynes	A <i>Providence, R. I.,</i>	20 A. H.
Babbitt, Frank Peva	A <i>Augusta,</i>	Z. Ψ. House.
Bachelor, Calvin Leslie	A <i>Gardiner,</i>	Δ. T. House.
Bagley, Bradbury Julian	A <i>Jacksonville,</i>	15 M. H.
Bernard, Wilfrid Olivier	A <i>Auburn,</i>	29 W. H.
Berryman, William Lawrence	A <i>Westbrook,</i>	19 M. H.
Bigelow, Murray Murch	A <i>South Paris,</i>	21 W. H.
Blake, George Horace	A <i>Mount Vernon,</i>	29 W. H.
Blanchard, Hugh Waldo	A <i>Cumberland Center,</i>	2 M. H.
Brierley, Joseph Bowers	A <i>Bath,</i>	12 W. H.
Brown, Vernon Lamson	A <i>Portland,</i>	25 W. H.
Call, Edwin Clifford	S <i>Dexter,</i>	31 A. H.
Claff, Clarence Lloyd	A <i>Randolph, Mass.,</i>	Bowdoin Club.
Colter, Lloyd Osborne	A <i>Marinette, Wis.,</i>	Z. Ψ. House.
Coombs, Whitney	A <i>East Orange, N. J.,</i>	B. Θ. II. House.
Curran, William Louis	S <i>North Adams, Mass.,</i>	234 Maine St.
Daggett, Neil Eugene	A <i>Milo,</i>	Ψ. T. House.
Davison, Ralph Easton	S <i>Central Falls, R. I.,</i>	11 W. H.
Dean, Archibald Sweetland	S <i>Woodfords,</i>	1 M. H.
DeMott, George Stuart	A <i>Jersey City, N. J.,</i>	11 W. H.
Donnell, Orrin Smith	A <i>Brunswick,</i>	8 Pleasant St.
Dumas, Gardner Davis	A <i>Lowell, Mass.,</i>	12 W. H.

Students

Name	Residence	Room
Farmer, Glenn	A <i>Farmington,</i>	10 M. H.
Farnham, Percy Elias	A <i>Center Lovell,</i>	Θ. Δ. X. House.
Freeman, Elliot	A <i>Portland,</i>	25 W. H.
Freese, John Benjamin	A <i>Framingham, Mass,</i>	Δ.Υ. House.
French, Frederick Francis	A <i>Bangor,</i>	Ψ. T. House.
Friedman, Lee Manheim	A <i>Houlton,</i>	4 Cleaveland St.
Gray, Alfred Shirley	A <i>Portland,</i>	16 W. H.
Gray, Julian Eliot	A <i>Lubec,</i>	Ψ. T. House.
Hamlin, Jean Paul	A <i>Milo,</i>	27 M. H.
Hamlin, Oscar Lawrence	A <i>Milo,</i>	27 M. H.
Harrington, Harlan Lewis	A <i>Portland,</i>	25 A. H.
Haseltine, Frank Ashmore	S <i>Pittsfield,</i>	B. Θ. II. House.
Haskell, Henry Carvill	A <i>Brunswick,</i>	72 Federal St.
Hazeltine, Frank Durham	S <i>Belfast,</i>	17 Cleaveland St.
Hildreth, Edward Ernest	S <i>Wollaston, Mass.</i>	31 M. H.
Howard, Henry Marshall	A <i>East Andover,</i>	29 A. H.
Hurlin, Marshall Wentworth	A <i>Jackson, N. H.,</i>	15 W. H.
Jacob, Francis William	A <i>South China,</i>	28 M. H.
Johnson, Philip Marshall	S <i>Woodfords,</i>	13 W. H.
Jones, Linwood Harry	A <i>Carmel,</i>	22 M. H.
Joyce, Gerald Stanley	S <i>Gloucester, Mass.,</i>	31 M. H.
Keene, Campbell (1917)	S <i>Augusta,</i>	86 Federal St.
King, Frank Oscar Warsaski	A <i>Portland,</i>	Portland.
Lane, Walter Huron	A <i>Portland,</i>	30 W. H.
Libbey, Dwight Linley	A <i>Scarboro,</i>	15 M. H.
MacCormick, Franklin Dugald	A <i>Framingham, Mass.,</i>	Δ.Υ. House.
McNaughton, Kirk Alexander (1917)	S <i>Kaukauna, Wis.,</i>	Z. Ψ. House.
McQuillan, Arthur Harold	A <i>Skowhegan,</i>	Z. Ψ. House.
Manderson, Harold Andrew	A <i>Portland,</i>	5 W. H.
Matthews, John Bowers	A <i>Troy, N. Y.,</i>	32 A. H.
Morse, Asa Clayton	A <i>Portland,</i>	25 A. H.
Moulton, Albert Otis	S <i>West Roxbury, Mass.,</i>	26 M. H.
Murch, Clyde Stanley	A <i>South Casco,</i>	32 A. H.
Needelman, William Ralph	S <i>Portland,</i>	252 Maine St.
Nevens, George Sanford	S <i>Brunswick,</i>	6 Cedar St.
Norton, Bela Winslow	A <i>Newport,</i>	14 M. H.
Peacock, Roland Hall	A <i>Freeport,</i>	Δ. T. House.
Pendleton, Ralph Walter	A <i>West Roxbury, Mass.,</i>	B.Θ.Π. House.
Philbrick, Maurice Swain	S <i>Skowhegan,</i>	Z. Ψ. House.
Pike, Carleton Maxwell (1917)	A <i>Lubec,</i>	8 W. H.
Pirnie, Roderick	S <i>Springfield, Mass.,</i>	5 M. H.
Prosser, Albert Laurence	A <i>Lisbon Falls,</i>	Bowdoin Club.

Bowdoin College

Name	Residence	Room
Reynolds, John Thomas	A <i>New Haven, Conn.,</i>	21 A. H.
Ridlon, Percy Sewall	A <i>Gorham,</i>	25 M. H.
Ripley, William Lewis	A <i>Lynn, Mass.,</i>	8 Pleasant St.
Roper, Daniel Calhoun, Jr.	A <i>Washington, D. C.,</i>	Bowdoin Club.
Rounds, Robert Cressey	A <i>Gorham,</i>	2 M. H.
Sanderson, Willis Richardson	A <i>Brookings, S. D.,</i>	Bowdoin Club.
Sandford, Joseph Ralph	A <i>Skowhegan,</i>	Z. Ψ. House.
Savage, Willard Arnold	s W. <i>Somerville, Mass.,</i>	19 Federal St.
Schlosberg, Richard Turner	s <i>Portland,</i>	Ψ. T. House.
Scott, John Lester	s <i>Brunswick,</i>	18 Cumberland St.
Simonton, William Wagg	A <i>Yarmouthville,</i>	28 M. H.
Sloggett, John Bolton	A <i>Saco,</i>	Ψ. T. House.
Smith, Edward Staples Cousens	s <i>Biddeford,</i>	8 A. H.
Smith, Milan James	A <i>Woolwich,</i>	Woolwich.
Spear, Roy	A <i>Warren,</i>	17 W. H.
Stanley, Everett Luscomb	s <i>E. Milton, Mass.,</i>	A. Δ. Φ. House.
Stearns, Timothy Raymond	A <i>Rumford,</i>	Θ. Δ. X. House.
Stewart, Norman Daniel	A <i>Richmond,</i>	Bowdoin Club.
Sutcliffe, Marcus Allen (1917)	A <i>Pawtucket, R. I.,</i>	Δ. K. E. House.
Thomas, Boyce Allen	A <i>Westbrook,</i>	Codman House.
Thomas, John White	A <i>Evanston, Ill.,</i>	16 W. H.
Van Wart, William Haley	A <i>Cherryfield,</i>	10 W. H.
Warren, Manfred Lawrence	A <i>Gorham,</i>	25 M. H.
Wass, Everett Langdon	A <i>Cherryfield,</i>	6 Potter St.
Whalen, Frank Edward	A <i>Bath,</i>	30 W. H.
Wheet, Verne Josiah	s <i>Groton, N. H.,</i>	6 M. H.
Woodman, Karl Ayer	A <i>Peabody, Mass.,</i>	A. Δ. Φ. House.
Woodworth, Paul Louis	A <i>Fairfield,</i>	24 W. H.
Wyman, Leland Clifton	s <i>Livermore Falls,</i>	10 M. H.
Young, Herman Arthur	s <i>Peabody, Mass.,</i>	A. Δ. Φ. House.

FRESHMEN—Class of 1919

Name	Residence	Room
Albert, Silas Frank	A <i>Sanford,</i>	5 A. H.
Angus, William	s <i>Manchester, Mass.,</i>	27 W. H.
Atwood, Raymond Loring	A <i>Paris</i>	17 Cleaveland St.
Avery, Maurice Wescott	A <i>Bath,</i>	Bath.
Barton, Laurence Gould	s <i>Portland,</i>	27 A. H.
Berry, Orson Leland	A <i>Topsham,</i>	Topsham.
Boratis, Andrew Joseph	A <i>Westfield, Mass.,</i>	9 Bowker St.

Students

Name	Residence	Room
Brawn, Herbert Andrew	A <i>Brunswick,</i>	Brunswick.
Brown, Charles Denison (1918)	A <i>Salem, Mass.,</i>	Δ. K. E. House.
Burleigh, Lewis Albert, Jr.	A <i>Augusta,</i>	9 A. H.
Burr, Robert Towle	S <i>Dorchester, Mass.,</i>	Θ. Δ. X. House.
Butterfield, Clifford Allen	A <i>Kingman</i>	Δ. K. E. House.
Caldwell, Harry Lovell	A <i>Lake View,</i>	18 Federal St.
Canavello, Frederic	A <i>Brooklyn, N. Y.,</i>	30 M. H.
Chadbourne, Fred Babson	A <i>East Waterford,</i>	6 A. H.
Chase, Elton Fletcher (1918)	S <i>Quincy, Mass.</i>	4 M. H.
Clark, Joseph Farwell (1918)	A <i>S. Duxbury, Mass.,</i>	Δ. K. E. House.
Coburn, John Wesley	A <i>Lewiston,</i>	15 A. H.
Cole, Grant Butler	A <i>Springfield, Mass.,</i>	10 A. H.
Corcoran, Edward Joseph	A <i>Norwich, Conn.,</i>	78 Federal St.
Creighton, Robert (1918)	S <i>Thomaston,</i>	Ψ. T. House.
Davey, Russell	A <i>Holyoke, Mass.,</i>	K. Σ. House.
Decker, Clyde Emmons	A <i>Clinton,</i>	29 M. H.
Doherty, James Cottrell	A <i>Springfield, Mass.,</i>	11 A. H.
Doherty, Louis Whittier	A <i>Springfield, Mass.,</i>	11 A. H.
Doherty, Paul Edward	A <i>Fall River, Mass.,</i>	80 Federal St.
Dunbar, Delmont Thurston	A <i>Penobscot,</i>	252 Maine St.
Dunham, Rand Augustus	M <i>Rumford,</i>	1 A. H.
Edwards, Bateman	A <i>Bangor,</i>	4 A. H.
Edwards, John Richards, Jr. (1918)	A <i>Bristol, R. I.,</i>	6 W. H.
Ewer, Robert Porter	A <i>Bangor,</i>	4 A. H.
Farnham, Rolland Craig	A <i>Needham, Mass.,</i>	2 A. H.
Farrar, Lincoln Benner	A <i>Bath,</i>	18 W. H.
Fay, William Michael	A <i>Allerton, Mass.,</i>	16 M. H.
Fernald, Laurence Hartley	S <i>Metcalf, Mass.,</i>	24 W. H.
Finn, Edward Bernard	S <i>Lynn, Mass.,</i>	K. Σ. House.
Foulke, Roy	S <i>White Plains, N. Y.,</i>	17 M. H.
Gardner, John Raymond	A <i>Worcester, Mass.,</i>	3 W. H.
Gorham, Lee Sumner	A <i>Wiscasset,</i>	24 A. H.
Grant, Hendrie Walter (1918)	M <i>Calais,</i>	3 A. H.
Graves, Percy Edwin	A <i>Brunswick,</i>	42 Federal St.
Gray, Ellsworth Manly	A <i>East Machias,</i>	12 M. H.
Grover, Myron Roberts	S <i>North Berwick,</i>	78 Federal St.
Ham, Jacob Barker	A <i>Lewiston,</i>	9 W. H.
Hanson, Stanwood Lincoln (1918)	S <i>Woodfords,</i>	B. Θ. II. House.
Hargraves, Gordon Sweat	A <i>West Buxton,</i>	8 M. H.
Haynes, Robert Hammond	A <i>Ellsworth Falls,</i>	20 W. H.
Hemenway, Newell Lyon	S <i>Woodfords,</i>	28 A. H.
Hersum, Harold Dunn	S <i>Waterville,</i>	5 M. H.

Bowdoin College

Name	Residence	Room
Higgins, Donald Shackley	A <i>Brewer,</i>	8 M. H.
Hill, William Edward	M <i>Meriden, Conn.,</i>	17 M. H.
Hilton, Frank Arthur, Jr.	S <i>Portland,</i>	31 W. H.
Holbrook, Albert Davis	A <i>Rockland,</i>	30 A. H.
Holbrook, Ellsworth Wright	A <i>Wiscasset,</i>	24 A. H.
Hutchinson, William Ellis	A <i>Springfield, Mass.,</i>	10 A. H.
Ingraham, James Fuller	A <i>Augusta,</i>	3 W. H.
Irving, Ralph	S <i>West Roxbury,</i>	7 A. H.
Johnson, Frederick Orlando	S <i>Hancock,</i>	18 Federal St.
Keigwin, Richard Paine (1918) A	<i>Mount Vernon, N. Y.,</i>	234 Maine St.
Kern, John Henry	A <i>Portland,</i>	18 A. H.
Larrabee, Everett Freeman	S <i>Bridgton,</i>	Bowdoin Club.
Leavitt, Stanley Lee	S <i>West Bath,</i>	West Bath.
Leech, Paul Rittenhouse	S <i>Philadelphia, Penn.,</i>	18 M. H.
Leighton, Leon, Jr.	S <i>Wilton,</i>	29 M. H.
Lombard, Reginald Thomas	A <i>South Portland,</i>	16 A. H.
Longren, Carl Jackson	A <i>Jefferson,</i>	Θ. Δ. X. House.
McCarthy, Louis Blalock S	<i>West Roxbury, Mass.,</i>	B. Θ. II. House.
McClave, John Albert Edgar	S <i>Grantwood, N. J.,</i>	80 Federal St.
McCulloch, Laurence	A <i>Ashmont, Mass.,</i>	Θ. Δ. X. House.
McDonald, Donald	S <i>Portland,</i>	31 W. H.
Macdonald, Ralph Everett (1918)	S <i>Portsmouth, N. H.,</i>	259 Maine St.
McGorrill, Milton Morse	A <i>Woodfords,</i>	22 A. H.
MacIntosh, James Pepper (1918)	A <i>Indianapolis, Ind.,</i>	6 W. H.
MacMullin, Robert Burns (1918)	S <i>New York, N. Y.,</i>	Ψ. T. House.
McPherson, Stephen	A <i>Brunswick,</i>	Harpwell St.
Mahoney, Daniel Francis	A <i>Portland,</i>	18 A. H.
Martin, William Frye	A <i>Lexington, Mass.,</i>	9 W. H.
Merrill, Warren Carleton	A <i>Skowhegan,</i>	Δ. K. E. House.
Minot, George Evans	A <i>Belgrade,</i>	2 A. H.
Mitchell, Hugh Addison	A <i>Brunswick,</i>	6 College St.
Moon, Ray Everett	A <i>Mt. Desert Ferry,</i>	234 Maine St.
Morrison, Frank Buchanan	A <i>Lisbon,</i>	18 W. H.
Morrison, John Mackey	A <i>Boise, Idaho,</i>	4 W. H.
Mosher, Harlow Baynum	A <i>Dexter,</i>	27 A. H.
Nelson, Henry Chester	A <i>Rumford,</i>	6 M. H.
Newell, Howe Samuel	A <i>Pittsburgh, Penn.,</i>	20 A. H.
Noyes, Durrell Leighton	S <i>Winter Harbor,</i>	Δ. K. E. House.
Parker, William Bradstreet (1918)	S <i>Groveland, Mass.,</i>	Θ. Δ. X. House.
Patrick, Howard	S <i>Framingham, Mass.,</i>	26 W. H.
Paul, Ether Shepley, 2d	A <i>Auburn,</i>	22 W. H.
Pearson, Leslie Whidden	A <i>Portland,</i>	27 Pleasant St.

Students

Name	Residence	Room
Pendleton, Lloyd Robert	s <i>Dark Harbor</i> , 17	Cleveland St.
Perkins, Stephen Irving	s <i>Bartlett, N. H.</i> ,	15 W. H.
Pierce, Howard Thayer	A <i>Portland</i> ,	8 A. H.
Racine, Wilfred Phillippe	s <i>Brunswick</i> ,	47 Union St.
Robbins, Norman Eugene	A <i>Ritzville, Wash.</i> ,	269 Maine St.
Robinson, Orett Forest	s <i>Warren</i> ,	17 W. H.
Rollins, Andrew Mace, Jr.	s <i>Kennebunkport</i> ,	18 M. H.
Safford, George Alden, Jr.	A <i>Bangor</i> ,	12 A. H.
Sawyer, Harold Boardman	A <i>Farmington</i> ,	6 A. H.
Scarborough, Duncan	A <i>Dedham, Mass.</i> ,	24 M. H.
Shwartz, Harry Martin	A <i>Portland</i> ,	14 W. H.
Simmons, Eric Melville	A <i>Union</i> ,	28 W. H.
Small, Reginald Thornton	A <i>Westbrook</i> ,	22 A. H.
Smith, Cheever Stanton	M <i>Westbrook</i> ,	7 M. H.
Smith, Louis Oscar	A <i>Patten</i> ,	28 W. H.
Smith, Roger Williams	A <i>Ogunquit</i> ,	28 A. H.
Sprague, Charles Myron	A <i>Bath</i> ,	15 A. H.
Springer, Harold Merle	A <i>Skowhegan</i> ,	9 Bowker St.
Sproul, Merrill Frederick	A <i>Brewer</i> ,	16 A. H.
Stetson, Robert Stanwood (1918)	A <i>Brunswick</i> , 35	Cumberland St.
Stevens, Clyde Ellerton	A <i>Rockland</i> ,	9 Bowker St.
Stevens, Ralph Archie, Jr.	A <i>Readville, Mass.</i> ,	27 W. H.
Stowell, Raymond Wheeler	A <i>Freeport</i> ,	Freeport.
Sturgis, Parker Brooks	s <i>Auburn</i> ,	Δ. K. E. House.
Sullivan, Almon Bird	s <i>Rockland</i> ,	23 A. H.
Sylvester, Allan Whitney	s <i>Harrison</i> ,	78 Federal St.
Tebbets, Donald Harmon	s <i>Auburn</i> ,	22 W. H.
Thomas, Charles Edward	A <i>Portsmouth, N.H.</i> ,	269 Maine St.
Tilley, Lewis William	A <i>East Millinocket</i> ,	6 Bowker St.
Tillson, Rufus Harris	s <i>Dexter</i> ,	5 A. H.
Toussaint, Owen Joseph	M <i>Millinocket</i> ,	6 Bowker St.
Turner, Perley Smith	s <i>Augusta</i> ,	Z. Ψ. House.
Turner, Russell Sage	A <i>Billerica, Mass.</i> ,	26 W. H.
Tuttle, Rufus Clarke	A <i>Freeport</i> ,	Freeport.
Vance, James Elmon	A <i>Lovell Center</i> ,	78 Federal St.
Walker, William Edward (1918)	A <i>Castine</i> ,	B. Θ. II. House.
Wallace, Lester Francis (1918)†	A <i>Portland</i> ,	13 W. H.
Warren, Francis Codd	A <i>Rumford</i> ,	1 A. H.
Whitcomb, Eben Morrison	A <i>Ellsworth Falls</i> ,	19 W. H.
Whitcomb, Ruel Whitney	A <i>Ellsworth Falls</i> ,	19 W. H.
White, David Walter	A <i>Topsham</i> ,	Topsham.
White, John Carroll	M <i>Jonesport</i> ,	Z. Ψ. House.
Witt, Lawton Walter	s <i>Winchendon, Mass.</i> ,	Δ. K. E. House.

Bowdoin College

SPECIAL STUDENTS

Name	Residence	Room
Boothby, James Eben	<i>Dubuque, Iowa,</i>	Θ. Δ. X. House.
MacIninch, Charles Bernard	<i>St. Stephen, N. B.,</i>	26 M. H.
Mooers, Horatio Tobey	<i>Skowhegan,</i>	5 W. H.
O'Donnell, John Philip	<i>Philadelphia, Penn.,</i>	254 Maine St.
Palmer, Karl Vernon	<i>Woodfords,</i>	13 M. H.
Savage, Arno Charles	<i>Bangor,</i>	12 A. H.
Stephens, Gaston McFarland	<i>New Bedford, Mass.,</i>	1 W. H.
Van Schoonhoven, Francis Yvonnet	<i>Troy, N. Y.,</i>	8 College St.
Woodfill, William Stewart	<i>Greensburg, Ind.,</i>	Θ. Δ. X. House.

Students enrolled in 1914-1915 after the Catalogue was issued.

Junior—Class of 1916

Olson, Gordon Wesley	<i>A. W. Somerville, Mass.,</i>	K. Σ. House.
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Special

O'Donnell, John Philip	<i>Philadelphia, Penn.,</i>	254 Maine St.
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Medical Students

FOURTH YEAR—Class of 1916

Name	Residence	Room*
Clarke, Raymond Willis	<i>Franklin,</i>	194 State St.
Cummings, George Otis, A.B.	<i>Portland,</i>	699 Congress St.
Fernald, Clarence Joel, A. B.	<i>Hebron,</i>	117 Winter St.
Grant, Alton Levicount, Jr., A.B.	<i>Lewiston,</i>	92 Carleton St.
Holmes, Percy Kendall, A. M.	<i>East Stroudsburg, Penn.,</i>	117 Winter St.
Kupelian, Nessib Simon, A.B., B.D.	<i>Tarsus, Turkey,</i>	92 Carleton St.
Leavenworth, William Satterlee	<i>Fort H. G. Wright, N. Y.,</i>	St. Barnabas Hospital.
Moulton, Bryant Edward, A.B.	<i>Portland,</i>	180 State St.
Richardson, Clyde Earle, A.B.	<i>Strong,</i>	756 Congress St.
Twaddle, Gard Wilson	<i>Bethel,</i>	192 State St.

THIRD YEAR—Class of 1917

Name	Residence	Room
Baker, Clarence, B.P.E.	<i>Colo, Iowa,</i>	12 Weymouth St.
Carter, Loren Frank	<i>Bradley,</i>	14 Wescott St.

*The rooms of Third and Fourth year students are in Portland.

Students

Name	Residence	Room
Dalrymple, Sidney Collingwood	<i>W. Medford, Mass.,</i>	283 Brackett St.
Dixon, Henry Campbell, A.B.	<i>Oneco, Conn.,</i>	14 Wescott St.
Haywood, Ralph Winson	<i>Salem, Mass.,</i>	Edw. Mason Dispensary.
Howes, Herbert Martin, A.B.	<i>Franconia, N.H.,</i>	18 Cushman St.
Josselyn, Royce Brewster, Ph.C.	<i>So. Hanson, Mass.,</i>	86 State St.
Knapp, Frank Norris	<i>East Livermore,</i>	Edw. Mason Dispensary.
Makepeace, True Edgecomb, A.B.	<i>Farmington,</i>	283 Brackett St.
Morris, Robert, A.B.	<i>Brunswick,</i>	18 Wescott St.
Stevenson, Frank White	<i>Brownville,</i>	14 Wescott St.

SECOND YEAR—Class of 1918

Name	Residence	Room
Carll, Francis Whipple	<i>Waterboro,</i>	6 Potter St.
Cristy, George Linsley, A.B.	<i>Bath,</i>	Bath.
Dorman, Horatio Nelson, A.B.	<i>Franklin, N. H.,</i>	21 McLellan St.
Dyer, Curtis William	<i>Cornish,</i>	206 Maine St.
Dyer, Henry Lathrop	<i>Fryeburg,</i>	8 Potter St.
Follett, Earl Christie	<i>Davidson,</i>	18 Bowker St.
Freeman, William Everett	<i>Bath,</i>	Bath.
Hamel, John Ralph, A.B.	<i>Portland,</i>	6 Cleaveland St.
Holt, William, A. B.	<i>North Bridgton,</i>	6 Potter St.
Hubbard, Roswell Earl, A.B.,	<i>Hatfield, Mass.,</i>	8 Potter St.
Ireland, Allen Gilbert	<i>Cambridge, Mass.,</i>	5 A McLellan St.
Kimball, James Calvin	<i>Dorchester, Mass.,</i>	17 Cleaveland St.
Morrison, Charles Carr, Jr., A.B.	<i>Bar Harbor,</i>	11 Jordan Ave.
Moulton, Manning Cole, A.B.	<i>Portland,</i>	7 M. H.
Nevers, Frank Alexander, A.B.	<i>Houlton,</i>	8 Potter St.
O'Connor, Denis Stanislaus	<i>Biddeford,</i>	6 Bowker St.
Sleeper, Frank Eugene, Jr., A.B.	<i>Sabattus,</i>	6 Cleaveland St.
Small, William Drew, A.B.	<i>Brunswick,</i>	5A McLellan St.
Stanhope, Charles Nason, A.B.	<i>Dover,</i>	8 Potter St.
Taber, Thomas Henry	<i>New Bedford, Mass.,</i>	92 Pleasant St.
Topham, John James	<i>Springvale,</i>	9 Everett St.

FIRST YEAR—Class of 1919

Name	Residence	Room
All en, Harry Everett, A.B.	<i>Brunswick,</i>	72 Pleasant St.
Beal, George Napoleon	<i>Jonesport,</i>	11 Jordan Ave.
Carde, Albert Martin, Jr.	<i>Bowdoinham,</i>	18 School St.
Edmunds, Charles Storer	<i>Bangor,</i>	55 Harpswell St.

Bowdoin College

Name	Residence	Room
Fraser, Samuel	<i>Masardis,</i>	23 M. H.
Gordon, Charles Howard	<i>Ashland, N. H.,</i>	11 Jordan Ave.
King, Frederick Melville	<i>Damariscotta,</i>	254 Maine St.
Kershulis, John Julius, Ph.G.	<i>Amsterdam, N. Y.,</i>	6 Cleaveland St.
Knowlton, Frank Earle, A.B.	<i>Brunswicks,</i>	46 Harpswell St.
Mannix, Daniel Maurice, A.B.	<i>Portland,</i>	3 M. H.
Mathews, Floyd Osborn,	<i>St. Albans,</i>	6 Potter St.
Nickerson, Norman Hunt	<i>Red Beach,</i>	17 Cleaveland St.
Patchanian, Giragos Haroutune, A.B.	<i>Marash, Asia Minor,</i>	16 Lincoln St.
Renaud, Ulric Joseph	<i>Brockton, Mass.,</i>	11 Jordan Ave.
Toothaker, Bernard Leroy	<i>Strong,</i>	11 Jordan Ave.
Tower, Elmer Madison,	<i>Southwest Harbor,</i>	18 School St.
Walker, Harry Burton, A.B.	<i>Biddeford,</i>	30 Cumberland St.
White, Langdon Robert	<i>Bath,</i>	11 Jordan Ave.

Summary

Summary of Instructors and Students

INSTRUCTORS

ACADEMICAL FACULTY	29
MEDICAL FACULTY	66
Total	95
NAMES COUNTED TWICE	6
CORRECTED TOTAL	89

STUDENTS

Academical Department

SENIORS	83
JUNIORS	78
SOPHOMORES	96
FRESHMEN; FIRST YEAR	119
FRESHMEN; SECOND YEAR	15
SPECIAL STUDENTS	9
TOTAL	400

Medical School

FOURTH YEAR	10
THIRD YEAR	11
SECOND YEAR	21
FIRST YEAR	18
TOTAL	60
TOTAL IN THE INSTITUTION	460
NAMES COUNTED TWICE	3
CORRECTED TOTAL	457

Appointments and Awards

HONORARY COMMENCEMENT APPOINTMENTS

Class of 1915

Summa Cum Laude

Robert Peter Coffin

Magna Cum Laude

Clifford Thompson Perkins

Cum Laude

Robert Ellsworth Bodurtha	Austin Harbutt MacCormick
Elmer Carroll Cooley	Joseph Cony MacDonald
George Linsley Cristy	Francis Paul McKenney
Edward Richardson Elwell	Kenneth Elmer Ramsay
Gordon Pierce Floyd	George Worcester Ricker
John Ralph Hamel	George Henry Talbot
James Abram Lewis	John Wesley Threlfall

PHI BETA KAPPA APPOINTMENTS

Class of 1915

Robert Ellsworth Bodurtha	James Abram Lewis
Robert Peter Coffin	Austin Harbutt MacCormick
Elmer Carroll Cooley	Francis Paul McKenney
Edward Richardson Elwell	Clifford Thompson Perkins
John Ralph Hamel	Kenneth Elmer Ramsay

Class of 1916

John Lincoln Baxter	Guy Whitman Leadbetter
James Alfred Dunn	John Glenwood Winter

Appointments and Awards

CLASS OF 1868 PRIZE SPEAKING

George William Bacon	Francis Paul McKenney
Robert Peter Coffin	George Arthur McWilliams
Austin Harbutt MacCormick	Kenneth Elmer Ramsay

BRADBURY PRIZE DEBATES

Affirmative

Hugh Merrill Hescock, 1916
Hayward Treat Parsons, 1916
Edward Carleton Moran, Jr.,
1917

William George Tackaberry,
1915
Alfred Charles Kinsey, 1916
Bela Winslow Norton, 1918

Negative

George William Bacon, 1915
Otto Rockefeller Folsom-Jones,
1915
Francis William Jacob, 1918

Francis Paul McKenney, 1915
George Henry Talbot, 1915
Arthur Burton Chapman, 1917

ALEXANDER PRIZE SPEAKING

Erik Achorn, 1917
Raymond Foster Colby, 1917
Roland Leonard Eaton, 1917
Harvey Daniel Miller, 1917
Frank Edward Phillips, 1917

Frederick William Willey,
1917
John Bowers Matthews, 1918
Willis Richardson Sanderson,
1918
Horatio Tobey Mooers, Special

HONOR MEN

Robert Peter Coffin, 1915, *Henry W. Longfellow Scholar.*
Austin Harbutt MacCormick, 1915, *Charles Carroll Everett Scholar.*
Laurence Alden Crosby, 1913, *Rhodes Scholar.*

Class of 1915

Robert Peter Coffin, *Goodwin Commencement Prize,*
Hawthorne Prize,
Pray English Prize.
Edward Richardson Elwell, *Brown Memorial Scholar.*

Bowdoin College

Austin Harbutt MacCormick,	<i>Brown Composition Prize, 1st, Class of 1868 Prize, Smyth Mathematical Prize.</i>
Francis Paul McKenney,	<i>Bradbury Debating Prize, 1st.</i>
George Worcester Ricker,	<i>Class of 1875 Prize in American History.</i>
Alvah Booker Stetson,	<i>Brown Composition Prize, 2d.</i>
William George Tackaberry,	<i>Bradbury Debating Prize, 2d.</i>
George Henry Talbot,	<i>Bradbury Debating Prize, 1st.</i>

Class of 1916

Eudore Alphonse Drapeau,	<i>Hiland Lockwood Fairbanks Prize.</i>
Alfred Charles Kinsey,	<i>Bradbury Debating Prize, 2d, Hiland Lockwood Fairbanks Prize.</i>
Leroy Addison Ramsdell,	<i>Smyth Mathematical Prize.</i>
Abraham Seth Shwartz,	<i>Brown Memorial Scholar, Noyes Political Economy Prize.</i>
John Glenwood Winter,	<i>Almon Goodwin Prize.</i>

Class of 1917

Arthur Burton Chapman,	<i>Bradbury Debating Prize, 1st.</i>
Roland Leonard Eaton,	<i>Alexander Speaking Prize, 2d.</i>
Theodore Burgess Fobes,	<i>Brown Memorial Scholar, Sewall Greek Prize.</i>
Noel Charlton Little,	<i>Smyth Mathematical Prize.</i>
James Churchill Oliver,	<i>Sewall Latin Prize.</i>

Class of 1918

Robert Greenhalgh Albion,	<i>Brown Memorial Scholar, Goodwin French Prize.</i>
George Stuart DeMott,	<i>Goodwin French Prize.</i>
John Bowers Matthews,	<i>Hiland Lockwood Fairbanks Prize.</i>
Bela Winslow Norton,	<i>Bradbury Debating Prize, 2d.</i>

Special

Horatio Tobey Mooers,	<i>Alexander Speaking Prize, 1st, David Sewall Premium, Hiland Lockwood Fairbanks Prize.</i>
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Degrees Conferred in 1915

Degrees Conferred in 1915

BACHELOR OF ARTS

Ackley, Ambrose Virgin (as of the Class of 1872)	Hastings, Edward Ellis (as of the Class of 1879)
Adams, Brainerd Lucas	Hastings, Maynard Albert
Adams, Hebron Mayhew (as of the Class of 1914)	Jones, Otto Rockefeller Folsom-
Aitchison, William	Keegan, William Owen
Allen, Harry Everett	Knowlton, Frank Earle
Austin, Eldin Hiram	Koughan, Paul Joseph
Bacon, George William	Kuhn, Maynard Henderson
Bitler, Thomas Bruce	Lappin, James Blaine
Bodurtha, Robert Ellsworth	Livingston, William Towle
Brown, Clarence Arthur (as of the Class of 1914)	Loring, Kimball Atherton
Card, Philip Livingstone	McCargo, Francis Wood (as of the Class of 1914)
Chatto, Harry Murray	MacCormick, Austin Harbutt
Coffin, Robert Peter	MacDonald, Joseph Cony
Cooley, Elmer Carroll	McKenney, Francis Paul
Coombs, Warren Crosby (as of the Class of 1914)	McKinnon, Max Verne
Coxe, Fred Walter	McWilliams, George Arthur
Cristy, George Linsley	Mannix, Daniel Maurice
Cutler, Elisha Pomeroy	Melcher, Stanwood Alexander
Demmons, Paul Douglas	Melloon, Ralph Reid
Dow, Leon French	Merrill, Dana Kinsman
Dunton, Robert Manson	Merrill, Ivan Colson
Elwell, Edward Richardson	Morrison, Charles Carr, Jr.
Evans, Robert Joseph	Moulton, Manning Cole
Farrar, William Haskell (as of the Class of 1914)	Perkins, Clifford Thompson
Fessenden, Joseph Coombs	Porritt, Philip Webb
Hall, George Albert, Jr.	Prescott, Harold Milton
Hamel, John Ralph	Ramsay, Kenneth Elmer
	Richardson, Gordon Dana
	Roberts, Frank Stanwood

Bowdoin College

Robinson, Clarence Eugene	Threlfall, John Wesley
Rodick, Daniel Wilson	Verrill, Harold Everett
Rogers, Charles Talbot	West, Samuel
Rollins, John Fox	Wing, Paul Llewellyn
Stetson, Alvah Booker	Woodbury, Vernon Pierce
Stone, Ellsworth Allen	Wright, James Preble (as of the Class of 1914)
Tackaberry, William George	
Talbot, George Henry	

BACHELOR OF SCIENCE

Eastman, Roger Kimball	Lewis, Herbert Alton
Eaton, Albion Keith	Lewis, James Abram
Floyd, Gordon Pierce	Ricker, George Worcester
Hildreth, Arthur Griffin	Smith, Philip Sidney

DOCTOR OF MEDICINE

Anderson, William DeLue	Kinghorn, Charles Wesley
Blaisdell, Elton Randolph	Lombard, Herbert Luther, A.B.
Collins, Frank Laforest	Mansfield, Burleigh Burton
Dennett, Carl George	O'Connor, William John
Echols, Francis Sherman	Oram, Julius Calvin, A.B.
Gordon, Isaac Louis	Parcher, Arthur Hale, A.B.
Gray, Carl Dinsmore	Pillsbury, Nahum Roy
Hale, Herbert Francis, A.B.	Pletts, Robert Cole
Hamilton, Holland George	Smith, Frank Arthur, A.B.
Hutchins, Eugene Leslie	Tibbetts, George Alton, A.B.
Johnson, Linwood Hill	Woodcock, Allan, A.B.

Honorary Degrees

MASTER OF ARTS

Marshall Wheelock Davis (1874)
David William Snow (1873)
Charles Clark Willoughby

DOCTOR OF DIVINITY

Chauncey William Goodrich	Edward Newman Packard (1862)
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BOWDOIN COLLEGE

FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., *PRESIDENT and Professor of Mental and Moral Philosophy.*

HENRY JOHNSON, PH.D., LITT.D., *Professor of Modern Languages.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

*GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training.*

GEORGE TAYLOR FILES, PH.D., *Professor of Germanic Languages.*

WILMOT BROOKINGS MITCHELL, A.M., *Professor of Rhetoric and Oratory.*

CHARLES THEODORE BURNETT, PH.D., *Professor of Psychology.*

ROSCOE JAMES HAM, A.M., *Professor of German.*

FREDERIC WILLIS BROWN, PH.D., *Professor of Modern Languages.*

KENNETH CHARLES MORTON SILLS, A.M., *DEAN and Professor of Latin.*

HERBERT CLIFFORD BELL, PH.D., *Professor of History and Political Science.*

WARREN BENJAMIN CATLIN, A.B., *Professor of Economics and Sociology.*

MANTON COPELAND, PH.D., *Professor of Biology.*

MARSHALL PERLEY CRAM, PH.D., *Professor of Chemistry and Mineralogy.*

*Died Aug. 6, 1915,

Bowdoin College

GEORGE ROY ELLIOTT, PH.D., *Professor of English Literature.*

ORREN CHALMER HORMELL, A.M., *Professor of History and Government.*

PAUL NIXON, A.M., *Professor of Classics and History.*

WILLIAM HAWLEY DAVIS, A.M., *Professor of English and Public Speaking.*

———, *Professor of Education and English.*

GERALD GARDNER WILDER, A.B., *Clerk and Assistant Librarian.*

ALFRED OTTO GROSS, PH.D., *Assistant Professor of Biology.*

LEE DUDLEY McCLEAN, A.M., *Assistant Professor of Economics and Sociology.*

MILES ERSKINE LANGLEY, B.S., *Assistant Professor of Surveying and Mechanical Drawing and Secretary of the Christian Association.*

EDWARD HAMES WASS, *Instructor in Music and Organist.*

RHYS DAFYDD EVANS, A.B., *Instructor in Physics.*

PHILIP WESTON MESERVE, A.M., *Instructor in Chemistry.*

THOMAS CURTIS VAN CLEVE, A.M., *Instructor in History.*

WILLIAM EDMUND MILNE, PH.D., *Instructor in Mathematics.*

Committees of the Faculty

ADMINISTRATIVE.—The President, *Chairman*; The Dean, Professors Whittier, Mitchell and Hormell.

ATHLETICS.—Professor Whittier, *Chairman*; Professors Hutchins and Nixon.

CATALOGUE.—Mr. Wilder, *Chairman*; The Dean and Professor Ham.

Admission

CURRICULUM.—Professor Burnett, *Chairman*; Professors Brown, Copeland and Elliott.

EXAMINING.—The Dean, *Chairman*; Professors Moody, Mitchell, Ham and Hormell.

LIBRARY.—Mr. Wilder, *Chairman*; Professors Johnson, Bell, Catlin and Elliott.

MUSIC.—Mr. Wass, *Chairman*; Professors Woodruff and Burnett.

PREPARATORY SCHOOLS.—Professor Mitchell, *Chairman*; Professors Nixon, Hormell and Davis.

PUBLIC EXERCISES.—Professor Johnson, *Chairman*; Professor Cram and Mr. Wilder.

RECORDING.—The Dean, *Chairman*; Professors Woodruff, Moody, Ham and Mr. Meserve.

STUDENT AID.—The President, *Chairman*; The Dean and Professors Whittier, Files and Nixon.

ADMISSION TO THE COLLEGE

Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects:

CHEMISTRY

The ground covered should be that included in any good first year text-book, such as Remsen's, Newell's, Newth's or Brownlee's. Candidates for examination will be expected to answer in clear English, questions upon the fundamental chemical laws, and the preparation, properties, and uses of common chemical substances, and to solve simple arithmetical examples based upon chemical reactions.

Bowdoin College

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles governing paragraphs and different kinds of whole compositions, including letter-writing.

To secure the second end, the candidate is required to read the works named below. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature.

Reading and Practice.—The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be required to present evidence of a general knowledge of their subject-matter, and to answer simple questions on the lives of their authors. To test the candidate's command of clear and accurate English, he will be required to write brief compositions upon one or more topics drawn from the assigned readings. The candidate will also be required to write upon one or more subjects of ordinary experience or knowledge, not taken from the prescribed books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

For the classes entering in 1916, 1917, 1918 and 1919, the books provided for Reading and Practice are arranged in the

Admission

following groups, from each of which at least two selections are to be made, except as otherwise provided under Group 1:—

GROUP 1. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

GROUP 2. SHAKESPEARE.—Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; Julius Cæsar*; Macbeth*; Hamlet*.

GROUP 3. PROSE FICTION.—Malory's Morte d'Arthur (about 100 pages); Bunyan's Pilgrim's Progress, Part I; Swift's Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; Frances Burney's Evelina; Scott's Novels (any one); Jane Austen's Novels (any one); Maria Edgeworth's Castle Rackrent, or The Absentee; Dickens's Novels (any one); Thackeray's Novels (any one); George Eliot's Novels (any one); Mrs. Gaskell's Cranford; Kingsley's Westward Ho! or Hereward, the Wake; Reade's The Cloister and the Hearth; Blackmore's Lorna Doone; Hughes's Tom Brown's School-days; Stevenson's Treasure Island, or Kidnapped, or Master of Ballantrae; Cooper's Novels (any one); Poe's Selected Tales; Hawthorne's The House of the Seven Gables, or Twice-Told Tales, or Mosses from an Old Manse; a collection of Short Stories by various standard writers.

GROUP 4. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele's The Sir Roger de Coverley Papers, or Selections from the *Tat-*

*If not chosen under Study and Practice.

Bowdoin College

ler and *Spectator* (about 200 pages); Boswell's Selections from the Life of Johnson (about 200 pages); Franklin's Autobiography; Irving's Sketch Book (about 200 pages), or Life of Goldsmith; Southey's Life of Nelson; Lamb's Essays of Elia (about 100 pages); Lockhart's Life of Scott (about 200 pages); Thackeray's Lectures on Swift, Addison, and Steele in the English Humorists; Macaulay's Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d'Arblay (any one); Trevelyan's Life of Macaulay (about 200 pages); Ruskin's Sesame and Lilies, or Selections (about 150 pages); Dana's Two Years Before the Mast; Selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, together with a brief memoir or estimate; Parkman's The Oregon Trail; Thoreau's Walden; Lowell's Selected Essays (about 150 pages); Holmes's The Autocrat of the Breakfast Table; Stevenson's An Inland Voyage, and Travels with a Donkey; Huxley's Autobiography, and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of Essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP 5. POETRY.—Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley (if not chosen under Study and Practice); Goldsmith's The Traveller, and The Deserted Village; Pope's The Rape of the Lock; a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads; Coleridge's The Ancient Mariner, Christabel, and Kubla Khan; Byron's Childe Harold, Canto III or IV, and The Prisoner of Chillon; Scott's The Lady of the Lake, or Marmion; Macaulay's The Lays of Ancient Rome, The Battle of Naseby, The Armada,

Admission

Ivry; Tennyson's *The Princess*, or Gareth and Lynette, Lancelot and Elaine, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold's *Sohrab and Rustum*, and *The Forsaken Merman*; *Selections from American Poetry*, with especial attention to Poe, Lowell, Longfellow, and Whittier.

Study and Practice.—The candidate should read the books prescribed below with the view of acquiring such knowledge of their contents as will enable him to answer specific questions with accuracy and some detail. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, unimportant allusions and technical details.

For 1916, 1917, 1918 and 1919, the books provided for study and Practice are arranged in four groups, from each of which one selection is to be made.

GROUP 1. DRAMA.—Shakespeare's *Julius Cæsar*, *Macbeth*, *Hamlet*.

GROUP 2. POETRY.—Milton's *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of *Palgrave's Golden Treasury* (First Series).

GROUP 3. ORATORY.—Burke's *Speech on Conciliation with America*; Macaulay's *Two Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address*, and Webster's *First Bunker Hill Oration*.

GROUP 4. ESSAYS.—Carlyle's *Essay on Burns*, with a selection from *Burns's Poems*; Macaulay's *Life of Johnson*; Emerson's *Essay on Manners*.

The examination will be divided into two parts, one of which

Bowdoin College

may be taken as a preliminary, the other as a final. The first part of the examination will be upon the books required for Reading and Practice and may include questions upon grammar and the simpler principles of rhetoric. The second part of the examination will test the candidate's knowledge of the books required for Study and Practice, also his ability to develop a theme through several paragraphs. Subjects will be drawn from books required for Study and Practice, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

I. ELEMENTARY FRENCH. The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes

Admission

oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes*; Bruno, *Le tour de la France*; Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat*; Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris*; Foncin, *Le pays de France*; Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon*; Legouv   and Labiche, *La cigale chez les fourmis*; Malot, *Sans famille*; Mair  t, *La t  che du petit Pierre*; M  rim  e, *Colomba*; extracts from Michelet; Sarcy, *Le si  ge de Paris*; Verne's stories.

II. ADVANCED FRENCH. This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le gendre de M. Poirier*; B  ranger's poems; Corneille, *Le Cid* and *Horace*; Copp  e's poems; Daudet, *La belle Nivernaise*; La Br  te, *Mon oncle et mon cur  *; Madame de S  vign  's letters; Hugo, *Hernani* and *La chute*; Labiche's plays; Loti, *P  cheur d'Islande*; Mignet's historical writings; Moli  re, *L'avare* and *Le bourgeois gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seigli  re*; Scribe's plays; Thierry, *R  cits des temps m  rovingiens*; Thiers, *L'exp  dition de Bonaparte en Egypte*; Vigny, *La canne de jonc*; Voltaire's historical writings.

Candidates offering either Elementary or Advanced French

Bowdoin College

are expected to be familiar with the alphabet of the Association Phonétique Internationale.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

I. ELEMENTARY GERMAN. The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna*

Admission

and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*; Stökl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

II. ADVANCED GERMAN. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Freidrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg*

Bowdoin College

Neideck, Der Fluch der Schönheit, Der stumme Ratsherr, Das Spielmannskind; Rosegger, Waldheimat; Schiller, Der Neffe als Onkel, Der Geisterseher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke, Balladen; Scheffel, Der Trompeter von Säckingen; Uhland's poems; Wildenbruch, Das edle Blut. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterscher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

GREEK

The examinations, except as stated in I (2), will be directed to testing the candidate's knowledge of Greek and his ability to read and understand the language rather than his knowledge of special works which he has studied. It is believed that a course of three years with five exercises a week, covering four books of the *Anabasis* or their equivalent in Attic prose and 2000 verses of Homer, together with practice in prose composition and sight reading, will give the required proficiency.

I. ELEMENTARY GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(1) The translation at sight of passages of simple Attic prose.

(2) A thorough examination on Xenophon's *Anabasis*, Book II, directed to testing the candidate's mastery of the ordinary forms, constructions and idioms of the language, the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions and idioms only as occur in the portion of Xenophon prescribed.

II. ADVANCED GREEK. This examination, *which must be preceded by the examination in Elementary Greek*, will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin,

Admission

have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(1) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions and idioms, and on prosody.

(2) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

The examinations in history will call for comparisons of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

I. GREEK HISTORY. To the death of Alexander, with due reference to Greek life, literature, and art.

II. ROMAN HISTORY. To 800 A. D., with due reference to government and institutions.

III. ENGLISH HISTORY. With special reference to social and political development.

IV. AMERICAN HISTORY. With special attention to the development of institutions and principles of civil government.

LATIN

I. AMOUNT AND RANGE OF THE READING REQUIRED

1. The Latin reading required of candidates, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the

Bowdoin College

speeches against Catiline, for the Manilian Law, and for Archias; and Virgil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (speeches, letters and De Senectute) and Sallust (Catiline and Jugurthine War); and Virgil (Bucolics, Georgics and Aeneid), and Ovid (Metamorphoses, Fasti and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATIONS

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, Speeches for the Manilian Law and for Archias, and Virgil, Aeneid, I-II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight, and candidates must deal satisfactorily with both of these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

At Bowdoin College the grouping of subjects is as follows:

I. **ELEMENTARY LATIN.** The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three*

Admission

school years. The reading shall be not less in amount than Cæsar, Gallic War, I-IV; and Cicero, the speeches against Catiline, for the Manilian Law, and for Archias. With the exception of the last two speeches, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover Cicero's speeches for the Manilian Law and Archias, sight translation of prose, grammar, and the translation into Latin prose of a passage, for which the words, constructions and range of ideas will be such as are common in the reading of the three years' course.

NOTE.—An examination on Grammar, Cæsar, and the writing of simple Latin prose will be given to candidates for the degree of B.S. who offer two years of Latin.

II. ADVANCED LATIN. This examination, *which must be preceded by the examination in elementary Latin*, will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. The reading, in addition to that necessary for elementary Latin, shall be not less in amount than Virgil, Aeneid, I-VI. With the exception of the Aeneid, I-II, and either IV or VI, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover the Aeneid, I-II, and either IV or VI, and sight translation of both prose and poetry.

MATHEMATICS

The present definition of the requirements in Mathematics is in accordance with recommendations made in September, 1903, by a committee of the American Mathematical Society.

I. ELEMENTARY ALGEBRA. The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root

Bowdoin College

of polynominals and of numbers; exponents, including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations, with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binominal theorem for positive integral exponents; the formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

II. ADVANCED ALGEBRA. Permutations and combinations, limited to simple cases; complex numbers with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

III. PLANE GEOMETRY. The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems, applications to the mensuration of lines and plane surfaces.

IV. SOLID GEOMETRY. The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurements of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

Admission

V. PLANE TRIGONOMETRY. Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

PHYSICS

Physics as represented by Gage's Elements of Physics, or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections, must have performed forty experiments from Hall and Bergen's text-book, and have a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts one unit.

To enter free from conditions, a candidate for admission must offer subjects amounting in all to $14\frac{1}{2}$ units.

Bowdoin College

I. FOR THE DEGREE OF A.B. The following subjects aggregating $9\frac{1}{2}$ units are required:

English	3
Latin, Elementary	3
Algebra	$1\frac{1}{2}$ (or 2)*
Plane Geometry	1
Roman History	$\frac{1}{2}$
Greek, English or American History	$\frac{1}{2}$

Subjects amounting to 5 units must be elected from the following list:

Latin, Advanced	1	Physics	1
Greek, Elementary	2	Algebra, Advanced	$\frac{1}{2}$
Greek, Advanced	1	Solid Geometry	$\frac{1}{2}$
French, Elementary	2	Trigonometry	$\frac{1}{2}$
French, Advanced	1	Greek History	$\frac{1}{2}$
German, Elementary	2	English History	$\frac{1}{2}$ (or 1)†
German, Advanced	1	American History	$\frac{1}{2}$ (or 1)†
Chemistry	1		

If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

Candidates are strongly recommended to present Advanced Latin for admission. If it is not presented, the student is required to take Latin A and B in college.

II. FOR THE DEGREE OF B.S. The following subjects aggregating $8\frac{1}{2}$ units are required:

English	3
Algebra	$1\frac{1}{2}$ (or 2)*
Plane Geometry	1
A Foreign Language	2
Two Histories	1

*Algebra will count as 2 units if reviewed senior year or if the examination be taken senior year.

†English or American history will count as 1 unit if the work is continued throughout a year for 5 full periods a week.

Admission

Subjects amounting to 6 units must be elected from the following list:

Latin (2 years)	2	Chemistry	1
Latin, Elementary	3	Physics	1
Latin, Advanced	1	Algebra, Advanced	$\frac{1}{2}$
Greek, Elementary	2	Solid Geometry	$\frac{1}{2}$
Greek, Advanced	1	Trigonometry	$\frac{1}{2}$
French, Elementary	2	Greek History	$\frac{1}{2}$
French, Advanced	1	Roman History	$\frac{1}{2}$
German, Elementary	2	English History $\frac{1}{2}$ (or 1)†	
German, Advanced	1	American History $\frac{1}{2}$ (or 1)†	

The College believes that the subjects mentioned in I and II are the best preparation for a college course as given at Bowdoin at present, and strongly advises candidates to make their preparation from these courses exclusively whenever it is possible to do so. The College also recognizes the fact that High Schools are asking for credit for other subjects which have educational value. It is therefore willing to consider applications for credit amounting to not more than 2 units for work in such subjects as Botany, Civics, Commercial subjects, Manual Training, Mechanical Drawing, Music and Physical Geography. For the present, all such applications will be treated individually, and ordinarily will not be considered unless the candidate has credit for $12\frac{1}{2}$ units from the subjects listed in I or II. The principal may apply for such credit in a letter addressed to the Dean, stating the nature of the courses with the number of hours required, and the rank and attainments of the candidate in question. The Recording Committee of the College will examine the reports carefully, inquire into the nature of the work done in the courses, and give credit from $\frac{1}{2}$ to 2 units as the case may warrant.

Methods of Admission

ADMISSION BY EXAMINATION

EXAMINATIONS AT THE COLLEGE. The regular examinations for admission to college will be held in Banister Hall, in Bruns-

†See foot note, page 58.

Bowdoin College

wick, on Thursday, Friday and Saturday, June 1, 2 and 3, 1916, and on Monday, Tuesday and Wednesday, September 18, 19 and 20, 1916, according to the schedule printed on page 61. The examinations are chiefly in writing.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than four years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent:

1. Chemistry; 2. English; 3. French; 4. German; 5. Greek; 6. History (Greek, Roman, English and American); 7. Latin; 8. Mathematics (Algebra and Plane Geometry); 9. Physics.

No papers will be sent in Advanced Mathematics. The entrance examinations in these subjects can be taken only at Brunswick, and written applications for such examinations should be sent to the Dean at least three days before the examination dates.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations in 1916 are June 1, 2 and 3. *Under no circumstances will papers be sent at any other dates.*

2. Applications for papers, addressed to the Dean, must be received *not later than May 27*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examinations. On the completion of the examinations, the books are to be returned at once by express at the expense of the College.

Admission

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the College.

For 1916 the schedule of examinations is as follows:

Thursday, June 1.

Friday, June 2.

Monday, September 18.

Tuesday, September 19.

9-12 A. M., History.

9-12 A. M., English.

2-5 P. M., Latin.

2-5 P. M., French.

7-9 P. M., Chemistry.

7-9 P. M., Physics.

Saturday, June 3.

Wednesday, September 20.

9 A. M.-1 P. M., Mathematics.

2-5 P. M., German or Greek.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle; these schools having been made special fitting schools for the College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

COLLEGE ENTRANCE EXAMINATION BOARD. The certificates, issued as the result of examinations which are held by the College Entrance Examination Board, will be accepted by the College in so far as they meet the requirements for admission.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Hamilton Hall, 1134 Amsterdam Ave., New York, N. Y., and must be

Bowdoin College

made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi river, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 5, 1916; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 29, 1916; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 15, 1916.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June 1916, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose

Admission

of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Bates, Boston University, Bowdoin, Brown, Colby, Massachusetts Agricultural College, Middlebury, Mount Holyoke, Smith, Tufts, the University of Vermont, Wellesley, Wesleyan and Williams. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring the certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Frank W. Nicolson, Wesleyan University, Middletown, Conn.

The College has established a list of schools outside New England to which it accords the certificate privilege. Admission to this list can be obtained on presentation of evidence of qualification.

Blank certificates for admission to Bowdoin College may be had by principals on application to the Dean.

ADVANCED STANDING

Candidates for admission to the Sophomore, Junior and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior class after the beginning of the Second Semester. Applications for admission to advanced standing should be addressed to the Dean.

SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming candidates for a degree; but no student shall continue in such

Bowdoin College

special standing for more than two years. Application for admission as special students should be addressed to the Dean.

TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before certificates of admission are granted. Letters from principals or teachers dealing in a personal manner with the character and attainments of the candidates are desirable. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the certificate of admission.

Required and Elective Studies

REQUIRED STUDIES

FRESHMAN YEAR. Candidates for the degree of A.B. are required to take Hygiene, the first semester; English 4, the second semester; and

(1). English 1, 2; and

(2). French 1, 2; or German 1, 2, if French has been presented for admission; or an elective from group (3) or (4) if both French and German have been presented for admission; and

(3). One of the following: Greek A, B or 1, 2; Latin 1, 2; or Mathematics 1, 2; and

(4). An elective from (3) or from the following: French 3, 4 or 5, 6; German 3, 4 or 5, 6; History 1, 2; Physics 1, 2.

NOTE. Candidates entering without advanced Latin are required to take Latin A, B.

Admission

Candidates for the degree of B.S. are required to take Mathematics 1, 2; otherwise their Freshman courses are the same as those for candidates for the degree of A.B.

SOPHOMORE YEAR. German 1, 2 is required of all students, unless taken Freshman year or presented for admission.

Latin 1, 2 is required of candidates for the degree of A.B. who took Latin A, B their Freshman year and who did not elect Greek A, B or 1, 2 or Mathematics 1, 2.

Greek 1, 2 is required of candidates for the degree of A.B. who took Greek A, B their Freshman year and who did not elect Latin 1, 2 or Mathematics 1, 2.

In addition to the foregoing required courses a course in Physical Training is required of all students from December first to April first in each of the four years.

ELECTIVE STUDIES

Thirty-four (34) courses are required for a degree, in addition to Hygiene, English 4 and four courses in Physical Training. These courses, except those mentioned above under Required Studies, which students must take at the times designated, are all elective, but subject to the following regulations:

1. Each student, whether Regular or Special, is required to take four (4) full courses each Semester in addition to the required work in Physical Training, Hygiene and English 4.

2. Each regular student is required to take a fifth (5) course during any two (2) Semesters after the Freshman year.

3. No student is allowed to elect more than one (1) extra course in any Semester unless one-half of his grades for the previous Semester have been B or higher, and then not without the consent of the Dean.

4. Each student is required to have completed before graduation one major and two minors. He must choose his major by the end of his Sophomore year, and must submit the courses chosen for the approval of the department in which the major is taken. He must also choose two minors at the same time, and

Bowdoin College

must submit them for advice to the department in which the major is to be taken.

Definitions. A Major is a subject pursued through three (3) consecutive years, or the equivalent of three years. A Minor is a subject pursued through two (2) consecutive years.

5. Each student who is a candidate for the degree of B.S. must have completed before graduation a major in either Biology, Chemistry or Physics.

Majors

The Departments in which majors may be elected have designated the following courses as constituting majors:

Biology. Any six courses.

Chemistry. Courses 1, 2, 3, 4, 5, 6; or 1, 2, 3, 4, 6 and Mineralogy.

Economics and Sociology. Courses 1, 2, 5 and any three others.

English. Courses 13, 14 and any four others; but Courses 1, 2, 4, 5, 6, 7, 8 not to count.

French. Any six courses; but Courses 1, 2 not to count.

German. Any six courses; but Courses 1, 2 not to count.

Greek. Courses 1, 2, 3, 4 and any two others.

History and Political Science. Any six courses; but Courses 1, 2 not to count.

Latin. Courses 1, 2, 3, 4, 5, 6.

Mathematics. Courses 1, 2, 3, 4, 5, 6; or 3, 4 and Mechanical Drawing and Surveying.

Philosophy and Psychology. Any six courses, including Educational Psychology.

Physics. Courses 3, 4 and any four others, including Mathematics 3, 4.

COURSES OF INSTRUCTION

ART

PROFESSOR JOHNSON

1. History of Art: Ancient and Mediæval. First Semester: Tuesday, Thursday, Saturday, 8.30.

Elective for Juniors and Seniors.

2. Continuation of Course 1. Renaissance and Modern. Second Semester: at the same hours.

General survey of the development of the Fine Arts and their place in ancient and modern life. Study of significant works of architecture, sculpture and painting; critical examination of the original objects of art, from prehistoric to recent times, in the college collections, especially of the Greek and Roman antiquities, and of the original drawings by Old Masters. Principles of aesthetic criticism. Problems of the archaeologist. Present day art. Required readings.

Prerequisite, Course 1.

ASTRONOMY

PROFESSOR HUTCHINS

1. General Astronomy. Text-book, lectures and observatory work. First Semester: Monday, Wednesday, Friday, 9.30.

Text-book: Moulton's Introduction to Astronomy.

Elective for Sophomores, Juniors and Seniors.

2. Practical Astronomy. Second Semester: at the same hours.

Elements of spherical trigonometry with applications to simple problems in navigation and surveying. Observatory work; problems in time, latitude and longitude; use of the sextant, transit, telescope, etc.

Prerequisites, Mathematics, 1, 2 and Astronomy 1.

Bowdoin College

BIOLOGY

Zoology

PROFESSOR COPELAND AND ASSISTANT PROFESSOR GROSS

1. General Introduction to Zoölogy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 1.30. Laboratory divisions on the same days at 2.30 and 3.30.

2. Continuation of Course 1. Second Semester: at the same hours.

PROFESSOR COPELAND

The lectures in Courses 1, 2 are designed to give a general introduction to the subject of Zoölogy. The classification, distribution, morphology, physiology, ecology and evolution of animals are discussed. Representative types from the lower groups of animals to the vertebrates are studied in the laboratory. Some exercises in addition are based on animal cytology, histology, embryology and physiology. The exercises involve the use of the microscope, and in Course 2 the student is given practice in dissecting. These courses are intended for beginners, and for those wishing to gain a comprehensive view of the subject.

Elective for Sophomores, Juniors and Seniors, and required of Freshmen in the Medical Preparatory Course.

Credit not given for Course 1 unless Course 2 is taken.

[3. Comparative Anatomy of Vertebrates. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30-12.30.]

[4. Continuation of Course 3. Second Semester: at the same hours.]

ASSISTANT PROFESSOR GROSS

Omitted in 1915-1916.

Courses 3, 4 deal with the morphology of vertebrates from a comparative standpoint, and illustrate the evolution of animals from the fishes to the mammals. The classification of the chordates, theories of vertebrate structure and the homologies of organs are discussed. A fish, an amphibian, a reptile and a mammal are dissected and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

Credit not given for Course 3 unless Course 4 is taken.

Courses of Instruction

5. Microscopical Anatomy. Lectures and laboratory work
First Semester: Monday, Wednesday, Friday, 10.30-12.30.

This course treats of the technique involved in the preparation and study of animal cells and tissues. A series of preparations is made and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

6. Vertebrate Embryology. Lectures and laboratory work.
Second Semester: Monday, Wednesday, Friday, 10.30-12.30.

ASSISTANT PROFESSOR GROSS

A course on the earlier stages of development, treating of the reproductive cells, maturation, fertilization, cleavage, the formation of germ layers, the development of the primitive segments, and the formation of fetal membranes. A series of preparations illustrating the early development of the chick is made and studied.

Prerequisite, Course 5.

Courses 3, 4 and 5, 6 are given in alternate years and are intended for those who desire to lay a broad foundation for the study of human morphology and physiology, and for those especially interested in or proposing to teach biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

7. Special Laboratory and Field Investigations. First Semester: six hours a week, at the convenience of instructor and students.

8. Continuation of Course 7. Second Semester: at the same hours.

PROFESSOR COPELAND AND ASSISTANT PROFESSOR GROSS

These courses offer to students having the requisite training the opportunity of pursuing original biological investigations under the direction of the instructor.

9. Organic Evolution. Lectures and readings. First Semester: Tuesday, Thursday, Saturday, 9.30.

PROFESSOR COPELAND

This course includes a discussion of the evidence supporting the doctrine of evolution, and an examination into the theories of species origin. The topics of variation, adaptation, heredity and other problems which

Bowdoin College

arise in connection with evolutionary biology are discussed.

Elective for Juniors and Seniors.

10. Vertebrate Ecology and Behavior. Lectures, readings, field and laboratory work. Second Semester: six hours a week, at the convenience of instructors and students.

PROFESSOR COPELAND AND ASSISTANT PROFESSOR GROSS

A course on the ecology and behavior of certain vertebrate classes. Emphasis will be laid on problems involving study in the field. The laboratory work will include the examination and identification of museum specimens.

Open to a limited number of Juniors and Seniors who are majoring in biology.

Botany

PROFESSOR COPELAND

1. Botany. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 8.30-10.30.

The lectures are intended to give a general survey of botany and treat principally of the classification, morphology, physiology and ecology of plants. The laboratory work consists of the study of types of the vegetable kingdom from the lower groups to the flowering plants. The purpose of the course is to give a comprehensive view of the vegetable kingdom, and to present some of the facts and doctrines derived from the scientific study of plants. It is intended for beginners.

Elective for Sophomores, Juniors and Seniors.

CHEMISTRY

PROFESSOR CRAM AND MR. MESERVE

1. General Chemistry. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30. Laboratory divisions on the same days at 11.30, 1.30 and 2.30.

2. Continuation of Course 1. Second Semester: at the same hours.

PROFESSOR CRAM

Elective for Sophomores, Juniors and Seniors, and required of Freshmen in the Medical Preparatory Course.

Credit not given for Course 1 unless Course 2 is taken.

Courses of Instruction

3. Qualitative Analysis. First Semester: Monday, Wednesday, Friday, 2.30. PROFESSOR CRAM

Prerequisites, Courses 1, 2.

4. Quantitative Analysis. General methods, gravimetric and volumetric. Second Semester: Monday, Wednesday, Friday, 2.30. MR. MESERVE

The course is conducted by means of conferences, each student working individually. Five hours a week laboratory work is required and one hour lecture on Physical Chemistry.

Prerequisite, Course 3.

5. Advanced Quantitative Analysis, preparation of organic and inorganic compounds, assaying, analysis of water, food, gas, iron, or soil, paper and pulp chemistry. First Semester: lecture on Physical Chemistry, Thursday, 2.30; five hours of laboratory work and a conference period by appointment.

MR. MESERVE

Work may be chosen from the above list of topics according to individual preferences. It is impossible for one student to take up all the topics in the time available.

Students intending to elect this course are advised, though not required, to elect Physics 1, 2.

Prerequisite, Course 4.

6. Organic Chemistry. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 2.30.

MR. MESERVE

Laboratory hours are arranged so that this course does not conflict with Course 4.

Prerequisite, Course 3.

7. Continuation of Course 5. First Semester.

MR. MESERVE

Elective for those who have passed Course 5 and for Seniors who are taking Course 5.

8. Continuation of Course 7. Second Semester.

PROFESSOR CRAM AND MR. MESERVE

Elective for those who have passed Course 7 and who have taken or are taking Course 6. This course cannot be taken without Course 6.

Bowdoin College

Physical Chemistry. One lecture a week during the Second Semester as a part of Course 4. The chapters taken up are those on the general properties of matter in the gaseous, liquid, and solid states, and solutions. Second Semester: Wednesday, 2.30.
MR. MESERVE

Physical Chemistry. One lecture a week throughout the year as a part of Courses 5 and 8. The physical chemistry comprises the chapters on electrochemistry, thermochemistry, photochemistry, and chemical dynamics. Both Semesters: Thursday, 2.30.
MR. MESERVE

Physiological Chemistry. Both Semesters: Thursday, 8.30-12.30.
PROFESSOR CRAM

Permission will be given to a few seniors of good standing in the College to take the work in physiological chemistry in the Medical School with credit for a one semester course. Such students should take organic chemistry their Junior year. Permission to take this course will be granted only to students whose records in the department warrant it, and to only a limited number of such students.

Students who come to college with the intention of specializing in chemistry and who would like advice about the collateral subjects required for graduate work, are urged to consult Professor Cram at an early date.

ECONOMICS AND SOCIOLOGY

PROFESSOR CATLIN AND ASSISTANT PROFESSOR MCCLEAN

1. Principles of Economics. Text-book, lectures and conferences. First Semester: Tuesday, Thursday, Saturday, 9.30.

2. Continuation of Course 1. Second Semester: at the same hours.

PROFESSOR CATLIN AND ASSISTANT PROFESSOR MCCLEAN

A study of the fundamental laws of the subject with some of their practical applications in business and politics.

Elective for Sophomores, Juniors and Seniors.

Credit not given for Course 1 unless Course 2 is taken.

Courses of Instruction

3. Money and Banking. Text-books, reports and lectures. First Semester: Tuesday, Thursday, Saturday, 11.30.

PROFESSOR CATLIN

An attempt is made in this course to arrive at sound principles as to currency and banking reform. A study is made of the relation between money and prices, of the problem of monetary standards, and of the banking systems and methods of the United States and leading European countries.

Elective for Juniors and Seniors who have passed Courses 1, 2.

- 4a. Public Finance. Lectures, readings, conferences and reports. Second Semester: Tuesday, Thursday, Saturday, 11.30.

PROFESSOR CATLIN

This course takes up the problems of local, state and national revenue and expenditure from a social as well as from a fiscal standpoint.

Elective for Juniors and Seniors who have passed Courses 1, 2.

- [4b. Commerce and Commercial Policy. Text-book, reports, conferences and lectures. Second Semester: Tuesday, Thursday, Saturday, 11.30.]

PROFESSOR CATLIN

Omitted in 1915-1916; to be given in 1916-1917.

This course treats of both domestic and foreign trade, especial emphasis being placed upon the marketing of goods and upon the relative merits of different commercial policies. The consular service, customs administration, and ocean transportation are also treated.

Prerequisites, Courses 1, 2.

5. Sociology. Text-books, readings and lectures. First Semester: Tuesday, Thursday, Saturday, 10.30.

ASSISTANT PROFESSOR McCLEAN

A study of social evolution and organization with a view to arriving at the laws of social progress; early forms and development of the industrial organization, marriage and the family, religion, government, etc., are studied.

Elective for Juniors and Seniors.

6. Applied Sociology. Text-books, reports, conferences and lectures. Second Semester: Tuesday, Thursday, Saturday, 9.30.

ASSISTANT PROFESSOR McCLEAN

Bowdoin College

To be omitted in 1916-1917.

A study of contemporary society, chiefly American, in the light of the laws of social progress. Certain typical modern social problems, such as poverty, crime and immigration are considered with especial reference to systems of improvement.

Prerequisite, Course 5.

7. Comparative Economic History and Theory. Seminar course with readings and reports. First Semester: hours to be arranged.

PROFESSOR CATLIN AND ASSISTANT PROFESSOR McCLEAN

The development of economic thought and of the different schools of economists in their relations to prevailing economic conditions and systems of economic organization, with principal emphasis upon recent and contemporary writers.

Open to not more than ten Juniors and Seniors who have passed Courses 1, 2.

8. The Labor Problem. Lectures, readings and discussions. Second Semester: Tuesday, Thursday, Saturday, 10.30.

PROFESSOR CATLIN

A study of the rise of the factory system and modern capitalistic production with a critical analysis of the various solutions of the problem, attempted and proposed: trade unionism, socialism, profit-sharing, scientific management, coöperation, industrial education, and labor legislation.

Elective for Juniors and Seniors.

[10. Business Corporation and Trusts. Text-books, reports and lectures. Second Semester: Tuesday, Thursday, Saturday, 9.30.]

ASSISTANT PROFESSOR McCLEAN

Omitted in 1915-1916; to be given in 1916-1917.

A study in business organization as revealed in these forms of enterprise. Among the subjects treated are: the evolution of the corporation, nature of corporate charters, methods of promotion and financing; the causes and bases of trusts, policies of trusts as to prices and wages, legal aspects of the trust problem.

Prerequisites, Courses 1, 2.

EDUCATION

The courses in Education are omitted in 1915-1916. They will be offered in 1916-1917.

Courses of Instruction

ENGLISH

PROFESSORS MITCHELL, ELLIOTT AND DAVIS

1. English Composition. First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30; Div. B, Tuesday, Friday, Saturday, 11.30, Thursday, 9.30; Div. C, Tuesday, Friday, Saturday, 9.30, Thursday, 1.30.

Lomer and Ashmun's *The Study and Practice of Writing English*. A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences, six long themes and occasional page themes; outside reading: *The Jungle Book*, *Will o' the Mill*, *Virginibus Puerisque*, *Henry Esmond*, *The Golden Treasury*, *Henry V*, *Schurz's Abraham Lincoln*.

2. Continuation of Course 1. Second Semester: Div. A, Tuesday, Thursday, Saturday, 10.30; Div. B, Tuesday, Saturday, 11.30, Thursday, 9.30; Div. C, Tuesday, Saturday, 9.30, Thursday, 1.30.

PROFESSORS MITCHELL AND DAVIS

Baldwin's *College Manual of Rhetoric*. A study of the theme as a whole, introductory to the more detailed study of exposition, description, narration and argumentation in Courses 3, 5 and 10. Recitations, lectures, readings; written work with conferences, five long themes and occasional page themes; outside reading: *Twice Told Tales*, *David Copperfield*, *Othello*, *Adam Bede*, *Treasure Island*.

Required of Freshmen.

3. English Composition. First Semester: Tuesday, Thursday, Saturday, 11.30.

PROFESSOR DAVIS

Practice in writing, with emphasis upon Argumentation and Narration; daily themes, brief and forensic, short story. Frequent individual conferences, required readings; correlation with other courses.

Elective for Sophomores, Juniors and Seniors.

4. Public Speaking. Second Semester: Div. C, Friday, 8.30; Div. E, Friday, 9.30; Div. D, Friday, 10.30; Div. F, Friday, 11.30.

PROFESSOR MITCHELL

Informal lectures; drill in articulation, intonation and gesture; short declamations with criticism by students and instructor; longer declamations, previously re-

Bowdoin College

heard to the instructor, spoken before the class.

Required of Freshmen.

5. Argumentation and Debating. First Semester: Tuesday evening, 7.00-9.30, Thursday, 2.30.

Further study of Argumentation, especially as applied to formal debating. Study of principles, analysis of notable examples, practice in speaking, participation in actual debates.

Prerequisites, Courses 1, 2, 3, 4.

6. Advanced Public Speaking. Second Semester: at the same hours as Course 5.

PROFESSOR DAVIS

Vocational aspects of public speaking. Preparation and delivery of different kinds of public addresses; frequent exercises in extemporaneous speaking.

Elective for Seniors, and for Juniors who have passed Course 5.

7. Literary Composition. Study of leading forms of literature, with practice in construction: Translation, Professor Johnson; Essay, Professor Elliott; Oration, Professor Mitchell; Short Story, Professor Davis; Drama, Professor Files; Verse, Professor Sills. The final exercise of each subdivision is a general meeting of the six instructors and the students for criticism and discussion of results. First Semester: Monday, Tuesday, Thursday, 7.00-8.30, or other hours at the convenience of the instructor.

8. Continuation of Course 7. Second Semester: at the same hours as Course 7.

Courses 7, 8 are open to Juniors and Seniors selected by competition.

Literature

10. English Essayists. Second Semester: Tuesday, Thursday, Saturday, 11.30.

PROFESSOR DAVIS

Development of the essay as a literary type; lives of great essayists; required reading, chiefly from Nineteenth Century writers; frequent written reports; conferences.

Elective for Juniors and Seniors, and for Sophomores who have passed Course 3.

[12. The English Novel. Second Semester: Tuesday, Thursday, Saturday, 11.30.]

PROFESSOR DAVIS

Omitted in 1915-1916.

Courses of Instruction

Development of the type; structure. Extended reading of standard novels; written reports.

Elective for Juniors and Seniors, and for Sophomores who have passed Course 3.

[13. English Literature before the Nineteenth Century. First Semester: Monday, Wednesday, Friday, 9.30.]

For special study: Chaucer, Spenser, the development of the Drama, Shakespeare.

[14. Continuation of Course 13. Second Semester: at the same hours.] PROFESSOR ELLIOTT

Omitted in 1915-1916; to be given in 1916-1917.

For special study: Shakespeare continued, Milton, Swift, Pope, Burns.

15. English Literature of the Nineteenth Century. First Semester: Monday, Wednesday, Friday, 9.30.

For special study: representative works of Scott, Coleridge, Wordsworth, Byron, Shelley, Keats, Carlyle.

16. Continuation of Course 15. Second Semester: at the same hours. PROFESSOR ELLIOTT

Omitted in 1916-1917; to be given in 1917-1918.

For special study: representative works of Emerson, Longfellow, Tennyson, Browning, Arnold, Swinburne, and certain recent authors.

Courses 13, 14 alternate with Courses 15, 16. Lectures, readings and conferences.

Elective for Sophomores, Juniors and Seniors.

Students majoring in English are required to take Courses 13, 14, and are urged to have had, or to take concurrently, the earlier history of England or Europe. These students are advised to consult the instructor with the view of planning to take, at the proper time, such courses in other departments as will prepare for or supplement the courses they elect in English Literature.

17. Milton and Shakespeare, principally. First Semester: Tuesday, Thursday, Friday, 1.30.

18. Continuation of Course 17: Shakespeare. Second Semester: at the same hours. PROFESSOR ELLIOTT

To be omitted in 1916-1917.

Bowdoin College

[19. Emerson and Carlyle, principally. First Semester: Tuesday, Thursday, Friday, 1.30.]

[20. Robert Browning, principally. Second Semester: at the same hours.] PROFESSOR ELLIOTT

Omitted in 1915-1916; to be given in 1916-1917.

Courses 17, 18 alternate with Courses 19, 20. Lectures, readings, conferences, written reports. Study of the individuality and development of selected authors, and of works more difficult, as a rule, than those considered in Courses 13, 14, 15, 16.

Courses 17, 18 are elective for students who have had Courses 13, 14; Courses 19, 20, for those who have had Courses 15, 16; and for others with the consent of the instructor.

FRENCH

PROFESSORS JOHNSON AND BROWN

1. Grammar, composition and reading of simple texts. First Semester: Monday, Wednesday, Friday, 2.30.

2. Grammar, composition and reading of modern prose. Second Semester: at the same hours. PROFESSOR BROWN

Courses 1, 2 are required of all Freshmen and other first-year students who have not received credit in Elementary French for admission.

3. Reading and Composition. Oral practice. First Semester: Monday, Wednesday, Friday, 9.30.

4. Continuation of Course 3. Second Semester: at the same hours. PROFESSOR BROWN

Prerequisites, Courses 1, 2 or their equivalent.

[5. Rapid reading of modern novels and plays. Composition. Oral practice. First Semester: Monday, Wednesday, Friday, 11.30.]

[6. Continuation of Course 5. Second Semester: at the same hours.] PROFESSOR BROWN

Omitted in 1915-1916.

7. Drama of the Seventeenth Century. Corneille and Racine. First Semester: Monday, Wednesday, Friday, 11.30.

Courses of Instruction

8. Continuation of Course 7. Molière. Second Semester: at the same hours. PROFESSOR BROWN

One hour each week is devoted to advanced composition.

Courses 5, 6, 7, 8 are elective for those who have passed Courses 3, 4; or Courses 1, 2 with a grade of B; or who have received credit in Advanced French for admission.

9. History of French Literature, including Old Provençal. Lectures, interpretation of selected texts of the Ninth to the Sixteenth Centuries. First Semester: Monday, Wednesday, Friday, 11.30.

10. Continuation of Course 9. Seventeenth to the Nineteenth Centuries. Second Semester: at the same hours.

PROFESSOR JOHNSON

Elective for Juniors and Seniors.

Prerequisites, Courses 3, 4, or their equivalent.

GEOLOGY AND MINERALOGY

PROFESSOR CRAM AND MR. MESERVE

Geology

1. An elementary course in geology. First Semester: Monday, Wednesday, Friday, 9.30. MR. MESERVE

Elective for Sophomores, Juniors and Seniors.

Mineralogy

1. The identification, composition, properties, occurrence and uses of the common minerals and rocks. Lectures and laboratory work. Second Semester: Tuesday, Thursday, Saturday, 8.30. PROFESSOR CRAM

Elective for Sophomores, Juniors and Seniors who have passed Chemistry 1.

Bowdoin College

GERMAN

PROFESSORS FILES AND HAM

1. Elementary German. First Semester: Monday, Tuesday, Thursday, Friday. Div. A, 10.30; Div. B, 1.30; Div. C, 2.30.

2. Continuation of Course 1. Second Semester: at the same hours. PROFESSOR HAM

Required of Freshmen who offer French for admission, and of Sophomores who have not previously passed these courses or their equivalent.

3. Prose Composition and Reading. First Semester: Tuesday, Thursday, Saturday. Div. A, 9.30; Div. B, 10.30.

4. Continuation of Course 3. Second Semester: at the same hours. PROFESSOR FILES

Advanced prose composition. Drama of the second classical period: in 1915-1916, Schiller's Wilhelm Tell and Jungfrau von Orleans. The time devoted to classroom work is equally divided between reading and the study of prose composition together with abundant practice in speaking German.

Elective for those who have passed Courses 1, 2 or their equivalent.

5. Prose and Poetry of the Nineteenth Century. First Semester: Monday, Wednesday, Friday, 8.30.

6. Continuation of Course 5. Second Semester: at the same hours. PROFESSOR HAM

Courses 5, 6 aim to develop the power to read German at sight. To this end especial attention is given to the acquirement of a working vocabulary and to steady practice in the fundamentals of grammar.

Elective for those who have passed Course 2, or who have received credit in German for admission.

7. Goethe's Faust. Study of Part I and selections from Part II. First Semester: Tuesday, Thursday, Saturday, 11.30.

8. Continuation of Course 7. Second Semester: at the same hours. PROFESSOR FILES

Elective for those who have taken Courses 1, 2 (or their equivalent), and 3, 4 or 5, 6.

Courses of Instruction

[9. The Late Romanticists and Heine. First Semester: Thursday 2.30-4.30.]

[10. Continuation of Course 9. Second Semester: Thursday, 2.30-4.30.]

PROFESSOR FILES

Omitted in 1915-1916; to be given in 1916-1917.

Courses 9, 10 are elective for those students who have taken Courses 1, 2 (or their equivalent) and 3, 4 or 5, 6.

The course combines abundant reading with careful study of the period and writers.

11. Contemporary German Drama. First Semester: Tuesday, 2.30-4.30.

12. Continuation of Course 11. Second Semester: at the same hours.

PROFESSOR FILES

A careful study of some of the more important stage plays of recent years, with especial emphasis upon their literary value, their dramatic construction, and the social problems suggested. The course will comprise also a study of the contemporary drama in Europe and America.

Elective for those who have studied German three (in exceptional cases, two) years.

[13. Gothic. Grammar and reading from the Gothic Bible. First Semester: two hours a week, at the convenience of instructor and students.]

PROFESSOR FILES

[14. Gothic. Second Semester: three hours a week at the convenience of instructor and students.]

PROFESSOR HAM

Omitted in 1915-1916; to be given in 1916-1917.

Study of Gothic grammar and analysis of selected passages from the Gothic Bible. Introduction to Old High German,—development of sounds and inflections.

These courses are intended primarily to furnish an introduction to the study of Germanic philology, with a special view to the needs of students who intend to enter upon university work in Germanics.

Elective for those who have studied German at least three years.

GREEK

PROFESSOR WOODRUFF

A. Elementary Greek. Text-book, Gleason's A Greek Primer.

Bowdoin College

First Semester: four hours at the convenience of instructor and students.

B. Continuation of Course A. Xenophon's *Anabasis*, with exercises in writing Greek. Second Semester: at the same hours.

The aim of these courses is to prepare the student, as well as the limit of time allows, for admission to Greek 1.

Elective for those who enter without Greek, but omitted whenever there are fewer than three applicants.

1. Plato and Homer. First Semester: Tuesday, Wednesday, Friday, Saturday, 8.30.

Until the holiday recess the work centers in the life, character, and influence of Socrates, and the reading includes Plato's *Apology* and *Crito*, with selected passages from other dialogues, and also from the *Memorabilia* of Xenophon. The aim of the work in the *Odyssey* is to gain a clear conception of the poem as a whole, its contents, structure, and literary art, selected books being read in the original and the rest in translation.

2. Homer; and The New Testament. Second Semester: at the same hours.

The study of the *Odyssey* as outlined under Course 1 will continue until the spring recess, after which the Gospel of Mark will be read, with a study of Palestine and its life and institutions in New Testament times to supply the historic background for the life of Jesus.

Courses 1, 2 are elective for Freshmen who have received credit in Greek for admission and for those who have completed Courses A, B.

3. Lyric Poetry. First Semester: Tuesday, Thursday, Saturday, 10.30.

The best Greek lyrics are read as a connecting link between the epic and the drama, with investigation of changing political, economic and social conditions and of the relation of these changes to the new kinds of poetry.

Prerequisites, Courses 1, 2.

4. Dramatic Poetry. Second Semester: at the same hours.

While reading and translating selected plays of Euripides the student is helped to trace the development of tragedy from its origin in lyric poetry to its culmina-

Courses of Instruction

tion under the Athenian democracy "as the final outcome of the Greek genius in poetry."

Prerequisite, Course 3.

5. Dramatic Poetry continued; or Oratory. First Semester: three hours, at the convenience of instructor and students.

Selected plays of Sophocles and Aeschylus continue the work in tragedy; in alternation with Lysias and Demosthenes and the history of the development of Greek oratory.

6. Dramatic Poetry continued; or History. Second Semester: three hours, at the convenience of instructor and students.

It is the aim of this course to bring out the significance of the Old Comedy as a factor in Greek political and social life, as illustrated by selected plays of Aristophanes; in alternation with Thucydides and the study of the growth of Greek historical writing.

Courses 5, 6 may be elected for two successive years.

Prerequisite, Course 4.

7. Greek Literature in English Translation. Lectures and readings, conferences for informal discussion, and assignment of selected works for special study and written tests. First Semester: Tuesday, Thursday, Saturday, 9.30.

After a general introduction which includes a rapid review of the epic and lyric periods, the main work will be in the development of tragedy from choral lyric and the reading of the plays of Aeschylus and Sophocles.

8. Continuation of Course 7. Second Semester: at the same hours.

Selected plays of Euripides are read to complete the work in tragedy, followed by the *Acharnians*, *Clouds*, *Birds* and *Frogs* of Aristophanes, in connection with the works of Plato that deal with the person of Socrates, the *Memorabilia* and *Symposium* of Xenophon, and Thucydides' *History* of the Sicilian Expedition.

For Courses 7, 8 no knowledge of the Greek language is necessary.

Elective for Juniors and Seniors.

HISTORY AND GOVERNMENT

PROFESSORS BELL, HORMELL AND NIXON, AND MR. VAN CLEVE

Bowdoin College

History

1. History of Greek Civilization. First Semester: Monday, Wednesday, Friday, 1.30.

2. History of Roman Civilization. Second Semester: at the same hours. PROFESSOR NIXON

While these courses are introductory to Courses 3, 4, 5, 6, they are not prerequisites for them. Weekly lectures, written recitations and conferences with small groups of the class for the discussion of assigned topics.
Elective for Freshmen.

[3. History of Europe to 1300. First Semester: Monday, Wednesday, Friday, 11.30.]

[4. History of Europe from 1300 to the Renaissance. Second Semester: at the same hours.]

Omitted in 1915-1916.

PROFESSOR BELL AND MR. VAN CLEVE

5. History of England to 1547. First Semester: Monday, Wednesday, Friday, 11.30.

6. History of England since 1547. Second Semester: at the same hours. PROFESSOR BELL AND MR. VAN CLEVE

Courses 3, 4 form a consecutive course throughout the year, as do Courses 5, 6. They are given in alternate years. Lectures, text-book, collateral readings, conferences and reports.

Elective for Sophomores, Juniors and Seniors. Course 4 is elective only for those who have taken Course 3. Course 6 is elective for those who have taken Course 5, or Courses 3, 4.

7. History of Europe from 1815 to 1870. First Semester: Monday, Wednesday, Friday, 9.30.

8. History of Europe since 1870. Second Semester: at the same hours. PROFESSOR BELL

Courses 7, 8 form a consecutive course throughout the year. They deal with the political and economic developments which have produced existing conditions in Europe and the expansion of European influence into Asia and Africa. Particular attention is given to the governments of Great Britain, France and Germany. Lectures, text-book, collateral readings and conferences.

Elective for Juniors and Seniors.

Courses of Instruction

[9. History of the United States from the Revolution to the Civil War. First Semester: Monday, Wednesday, Friday, 10.30.]

[10. History of the United States since 1860. Second Semester: at the same hours.]

PROFESSOR HORMELL AND MR. VAN CLEVE

Omitted in 1915-1916.

11. History of the Colonization of North America to 1783. First Semester: Monday, Wednesday, Friday, 10.30.

12. History of the Settlement and Expansion of the United States since 1783. Second Semester: at the same hours.

PROFESSOR HORMELL AND MR. VAN CLEVE

Courses 9, 10 and 11, 12 form consecutive courses throughout the year. They are given in alternate years. Courses 9, 10 deal primarily with constitutional and political history; Courses 11, 12 with social and economic development. Lectures, text-book, collateral readings, conferences and reports.

Elective for Juniors and Seniors.

Government

PROFESSOR HORMELL

1. American Government and Politics. Second Semester: Monday, Wednesday, Friday, 11.30.

Lectures, assigned readings, reports and conferences with small groups of students.

Elective for Juniors and Seniors.

2. Municipal Government, with especial reference to American municipal problems. First Semester: Monday, Wednesday, Friday, 11.30.

Course 2 is elective for not over ten students, preference being given to those who have taken Government 1.

HYGIENE AND PHYSICAL TRAINING

PROFESSOR WHITTIER

Hygiene

Lectures on Human Anatomy, Physiology and Personal Hygiene. First Semester: Thursday, 8.30.

Bowdoin College

Each student receives a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

Required of Freshmen.

Physical Training

1. Class exercises: military drill, setting-up drill and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights and heavy gymnastics. December to April: Monday, Wednesday, Thursday, 11.30.

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. December to April: Monday, Wednesday, Thursday, 3.30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and broad-swords. Squad exercises: indoor athletics. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Required of Juniors.

4. Class exercises: fencing with foils. Squad exercises: indoor athletics. December to April: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

ITALIAN

PROFESSOR BROWN

[1. Elementary Course. Grammar, composition and reading. First Semester: Monday, Wednesday, Friday, 10.30.]

[2. Continuation of Course 1. Selections from the prose and

Courses of Instruction

poetry of the Eighteenth and Nineteenth Centuries. Second Semester: at the same hours.]

Omitted in 1915-1916.

Elective for Sophomores, Juniors and Seniors.

Credit not given for Course 1 unless Course 2 is taken.

[3. Dante, Petrarch and Boccaccio. Selections from the Divine Comedy, the Sonnets and the Decameron. First Semester: Monday, Wednesday, Friday, 10.30.]

[4. Continuation of Course 3. Second Semester: at the same hours.]

Omitted in 1915-1916.

Prerequisites, Courses 1, 2.

LATIN

PROFESSORS SILLS AND NIXON

A. Selections from Curtius and from Ovid's Metamorphoses. Prose Composition. First Semester: Monday 8.30, Tuesday 1.30, Wednesday 8.30, Friday 8.30.

B. Selections from Virgil's Aeneid. Second Semester: at the same hours.

PROFESSORS SILLS AND NIXON with the assistance of a student instructor.

Required of all candidates for the degree of A.B. who have not received credit in Advanced Latin for admission.

1. Introduction to Latin Prose Literature. Selections from Livy, Cicero and Pliny the Younger. First Semester: Div. A, Tuesday 11.30, Thursday 9.30, Friday 11.30, Saturday 9.30. Div. B, Tuesday, Thursday, Friday, Saturday, 10.30.

2. Introduction to Latin Poetry and Drama. Horace, Selected Odes; Terence, one play; Plautus, one play. Second Semester: at the same hours.

PROFESSORS SILLS AND NIXON

Ordinarily Course 2 may not be taken by students who have not had Course 1.

Elective for Freshmen.

3. Plautus: Several comedies will be read with special atten-

Bowdoin College

tion to idiomatic translation and dramatic construction. First Semester: Tuesday, Thursday, Saturday, 8.30.

PROFESSOR NIXON

Prerequisites, Courses

[3a. Terence: Six Plays. First Semester: Tuesday, Thursday, Saturday, 8.30.]

PROFESSOR SILLS

Omitted in 1915-1916; to be given in 1916-1917.

Prerequisites, Courses 1, 2.

4. Virgil. Selections from the Eclogues and Georgics; rapid reading of the Aeneid. Second Semester: Tuesday, Thursday, Saturday, 8.30.

PROFESSOR SILLS

Prerequisite, Course 3.

The Sewall Latin Prize is annually awarded to the Sophomore who passes the best examination in this course.

[4a. Suetonius, Life of Nero; Tacitus, Agricola; Horace, Satires and Epistles. Second Semester: Tuesday and Thursday, 8.30, and a third hour at the convenience of instructor and students.]

PROFESSOR NIXON

Omitted in 1915-1916; to be given in 1916-1917.

Prerequisite, Course 3a.

5. Lucretius: The De Rerum Natura. First Semester: Monday, Wednesday, Friday, 10.30.

PROFESSOR SILLS

Prerequisite, Course 4.

[5a. Juvenal and Martial. First Semester: three hours a week at the convenience of instructor and students.]

PROFESSOR NIXON

Omitted in 1915-1916; to be given in 1916-1917.

Selections from the Satires and Epigrams. Roman society in the early Empire.

Prerequisite, Course 4.

6. Seneca, Selected Letters and De Clementia; Apuleius, Cupid and Psyche; Petronius, Trimalchio's Dinner; Quintilian, Selections. Second Semester: three hours a week at the convenience of instructor and students.

PROFESSOR NIXON

Prerequisite, Course 5.

[6a. Late Latin. The Vulgate; Latin hymns; selections from Dante, Petrarch, Erasmus and Politian. Second Semester:

Courses of Instruction

three hours a week, at the convenience of instructor and students.]

PROFESSOR SILLS

Omitted in 1915-1916.

Prerequisite, Course 5.

8. Latin influence in English Literature. Lectures, reports and outside readings in Latin and English. Second Semester: Monday, Wednesday, Friday, 11.30. PROFESSOR SILLS

A study of the character and quality of English Literature as affected by the influence of the classics, and the Latin heritage of the principal English poets.

Elective for Juniors and Seniors.

MATHEMATICS

PROFESSOR MOODY AND DR. MILNE

1. Algebra and Solid Geometry. First Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30; Div. C, 8.30; Div. D, 9.30.

Graphic algebra, including a review of portions of the preparatory work; complex numbers; selected topics from series and limits, indeterminate equations, undetermined coefficients, binomial theorem, elements of the theory of logarithms, choice, determinants and higher equations. This portion of the work closes before the holiday vacation, and the remainder of the Semester is given to solid geometry with mensuration and original theorems.

2. Solid Geometry and Trigonometry. Second Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30; Div. C, 8.30; Div. D, 9.30.

PROFESSOR MOODY AND DR. MILNE

Solid Geometry completed: trigonometry of the right triangle; practice with four-place tables in solving examples from algebra and geometry and simple problems of heights and distances. Demonstration of fundamental formulas for all angles, and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles, with problems and applications.

Courses 1, 2, (except as provided under 1a, 1b, 2b, 2c), are required of candidates for the degree of B.S., for those who elect Physics 3, 4, and are elective for all other students.

Bowdoin College

1a. Advanced Algebra. Determinants, theory of equations continued from Course 1, and selected topics. Three hours a week, during the first term.

1b. Conic Sections. Elementary geometric theorems and constructions. Four hours a week, from January to the end of the First Semester.

2b. Conic Sections and Mensuration. Four hours a week, during the first four weeks of the Second Semester.

The work of 1b continued and logarithmic computation for plane and solid figures.

2c. Algebra and Trigonometry. Three hours a week, from April to the end of the Second Semester. PROFESSOR MOODY

Algebraic and trigonometric series. Theorems and exercises from Higher Plane Trigonometry.

Courses 1a, 1b, 2b, 2c are provided for students taking first year mathematics who have received credit in Advanced Algebra, Solid Geometry, or Trigonometry, for admission.

Hours for recitation will be arranged.

3. Analytic Geometry. Fine and Thompson's Coördinate Geometry. First Semester: Monday, Wednesday, Friday, 11.30.

4. Calculus. Second Semester: Monday, Wednesday, Friday, 11.30. DR. MILNE

Selected topics in differential calculus, with application to problems and curve tracing. Double and triple integration for surfaces and volumes.

Prerequisites, Courses 1, 2, or their equivalent.

5 and 6. Integral Calculus and Elliptic Functions. Textbook, with lectures and collateral reading. Both Semesters: three hours a week, at the convenience of instructor and students.

[7 and 8. Modern Methods in Pure and Analytic Geometry. Both Semesters: three hours a week, at the convenience of instructor and students.] PROFESSOR MOODY

Omitted in 1915-1916.

Courses 5, 6 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8.

Elective for those who have taken Courses 3, 4, or their equivalent.

Courses of Instruction

MUSIC

MR. WASS

1. Music as an Art. First Semester: Tuesday, Thursday, Saturday, 8.30.

A general study of the development of the Art of Music, preparing one to understand and appreciate musical performances. Sound, musical sound, notation, rhythm, melody, harmony—their evolution and application to modern music. History of music, study of the great composers, their lives, works and influence upon the development of modern music. Frequent tests by written papers on assigned topics. No technical preparation requisite for this course.

Elective for Sophomores, Juniors and Seniors.

2. Continuation of Course 1. Second Semester: at the same hours.

Musical appreciation and history (advanced). Elements of Theory. Study of musical forms from listeners' standpoint. Assigned readings, oral tests and written reports.

Prerequisite, Course 1.

3. Harmony, Elementary. First Semester: Tuesday, Thursday, Saturday, 9.30.

Systematic study of intervals and chords, and their correct and effective use in four part harmony. Harmonization of melodies. Daily written exercises. Knowledge of notation necessary.

Elective for Sophomores, Juniors and Seniors.

4. Harmony, Advanced; Counterpoint, Elementary. Second Semester: at the same hours.

Lectures and practical work. Collateral reading on history and biography. Study of musical forms with analyses. Study of evolution of music from the primitive folk-song to the symphony of Beethoven. Study of the clefs. Orchestral instruments. Ability to play four part harmony (like hymn tune) necessary.

Prerequisite, Course 3.

5. Counterpoint. First Semester: Tuesday, Thursday, Saturday, 10.30.

Lectures and practical work based on Spalding's Manual. Collateral reading on biography and theory. Study

Bowdoin College

of contrapuntal works of the Masters with automatic instruments.

Elective for those who have passed Course 4 with a grade of B.

Chorus and Orchestra Classes.

Voluntary classes, meeting once a week during the Second Semester, designed to give all who sing, or play some instrument, an opportunity for practice and development in good music.

PHILOSOPHY AND PSYCHOLOGY

Philosophy

PRESIDENT HYDE AND PROFESSOR BURNETT

1. Introduction to Philosophy. First Semester: Monday, Wednesday, Friday, 8.30.

The problems of Philosophy will be taken up as they have been presented in the statements of modern philosophers from Descartes to Bergson.

2. Ethics. Second Semester: Monday, Wednesday, Friday, 8.30.

PRESIDENT HYDE

Plato's Republic, Aristotle's Ethics, Mill's Utilitarianism, Perry's Moral Economy, Dewey and Tufts' Ethics.

Courses 1, 2 are elective for Juniors and Seniors.

- [3. Philosophy of Idealism. First Semester: Tuesday, Thursday, Saturday, 11.30.]

- [4. Continuation of Course 3. Second Semester: at the same hours.]

PROFESSOR BURNETT

Omitted in 1915-1916; to be given in 1916-1917.

These courses aim at the intensive study of a particular philosophical system and the application of its methods to the answering of all the questions men put to philosophy. Emphasis is laid on developing in the student method of intellectual procedure in this field that shall in itself be valuable, whatever the dogmatic results obtained.

Prerequisites, Courses 1, 2, or their equivalent.

Psychology

PROFESSOR BURNETT

1. General Psychology. First Semester: Tuesday, Thursday,

Courses of Instruction

Saturday, 8.30.

2. Continuation of Course 1. Second Semester: at the same hours.

The aim of these courses is to acquaint the student with the facts and the laws of the mind. Emphasis is laid upon those topics which are most intimately connected with practical life, and a knowledge of which is highly important for a man of liberal education. The subject-matter is treated from the point of view of natural science. Emphasis is laid upon developing in the student skill to use Psychology for interpreting the events of life and for accomplishing its business. A part of the time is devoted to experimental work.

Elective for Sophomores, Juniors and Seniors.

3. Social Psychology. First Semester: Tuesday, Thursday, Saturday, 11.30.

Given in 1915-1916; to be omitted in 1916-1917.

This course deals with the effect of social conditions on mental life. It inquires into the psychology of human social groups of all sorts, such as nations, legislatures, committees, crowds, publics, unions, associations, etc., and into the operations of group mind revealed in customs, conventions, fashions, institutions, religions, myths, art and language. It tries to answer the question: How and why does a man, when aware of belonging to a group, behave and think and feel otherwise—sometimes better, sometimes worse—than when not aware of that group relationship? Considerable time in the latter part of the course is devoted to special studies by the students in the nature and occurrence of special instances of social psychoses and in ways of their practical utilization in the business of life, such as politics, trade, social reform, etc.

Prerequisites, Courses 1, 2.

4. Abnormal Psychology. Second Semester: Tuesday, Thursday, Saturday, 11.30.

Given in 1915-1916; to be omitted in 1916-1917.

This course considers the abnormal facts of mental life, such as insanity, hypnotism, hysteria and multiple personality for the light these throw on borderland states in every man's life. The emphasis is thus on the slightly abnormal phenomena of every day, which interfere with a man's full mental efficiency for work and enjoyment.

Prerequisites, Courses 1, 2.

Bowdoin College

5. Experimental Psychology. First Semester: Tuesday, Thursday, 1.30-4.30.

The object of this course is training in methods of investigation, in the discovery and reliance upon experimental evidence, with especial reference to the particular application to the science of Psychology. The experimental problems chosen to this end deal with working out and applying tests of mental capacity.

Prerequisites, Courses 1, 2.

6. Continuation of Course 5. Second Semester: at the same hours.

Under certain circumstances this work may be continued for another year.

PHYSICS

PROFESSOR HUTCHINS AND MR. EVANS

1. Elementary Physics. First Semester: Monday, Wednesday, Friday, 8.30.

2. Continuation of Course 1. Second Semester: at the same hours.

MR. EVANS

An elementary course for those desiring a general knowledge of the subject, or a preparation for further study. Text-book: Kimball's College Physics.

Credit not given for Course 1 unless Course 2 is taken. Credit not given for Courses 1, 2 to those entering with Physics.

3. Mechanics, Thermodynamics and the Elementary Theory of Heat Engines. Lectures, text-book and laboratory work. First Semester: three periods a week of one or two hours each.

4. Continuation of Course 3. Second Semester: at the same hours.

MR. EVANS

Text-book: Duff's Elementary Experimental Mechanics.

Prerequisites, Courses 1, 2, or their equivalent, and Mathematics 1, 2.

It is strongly urged that those taking advanced courses in Physics should also take advanced Mathematics.

[5. Magnetism and Electricity. First Semester: Monday, Wednesday, Friday, 1.30-3.30.]

Courses of Instruction

[6. Continuation of Course 5. Second Semester: at the same hours.]

PROFESSOR HUTCHINS

Omitted in 1915-1916; to be given in 1916-1917.

This course is designed to supply such a range of general knowledge as is desirable for students before they begin to specialize in electrical engineering; and at the same time to supply laboratory training in making all ordinary electrical measurements. Text-book: Brooks and Poyser's Magnetism and Electricity.

Prerequisites, Courses 3, 4.

7. Molecular Physics and Heat. Lectures and laboratory work. Text-book: Edser's Heat for Advanced Students. First Semester: Monday, Wednesday, Friday, 1.30-3.30.

8. Continuation of Course 7. Light. Text-book: Edser's Light. Second Semester: at the same hours.

PROFESSOR HUTCHINS

Given in 1915-1916; to be omitted in 1916-1917.

Prerequisites, Courses 3, 4.

SPANISH

PROFESSOR BROWN

1. Grammar, composition and reading. First Semester: Monday, Wednesday, Friday, 10.30.

2. Continuation of Course 1. Reading of modern prose. Second Semester: at the same hours.

Elective for Sophomores, Juniors and Seniors.

Credit not given for Course 1 unless Course 2 is taken.

SURVEYING AND DRAWING

ASSISTANT PROFESSOR LANGLEY

Drawing

1. Mechanical Drawing. First Semester: Tuesday, Thursday, 1.30-4.00.

Lettering, dimensioning, working drawings.

Prerequisites, Mathematics 1, 2.

Bowdoin College

2. Descriptive Geometry. Second Semester: at the same hours.

Prerequisite, Drawing 1.

Surveying

1. Surveying. First Semester: Monday, 11.30-12.30, Tuesday, Thursday, 10.30-12.30, and one additional hour.

2. Continuation of Course 1. Second Semester: at the same hours.

Field work with chain, tape, stadia, compass, level and transit. Computations, scale drawings, contour maps and profiles.

Elective for those who have passed or are taking Drawing 1.

COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work of the first year of the Medical School is accepted in place of the required courses of the Senior year in the College.

Students intending to avail themselves of this privilege are required to register in the College at the opening of the college year. They will then be excused from further attendance until the opening of the Medical School.

MEDICAL PREPARATORY COURSE

A course, not leading to a degree, has been established for students intending to study medicine.

The entrance requirements are the same as for the academic courses.

Students entering this course are required to make affirmation of their purpose to pursue their medical studies after completing the course, with a statement from parent or guardian to that effect, and with the understanding that change to regular standing in the College will be made only by special vote of the Faculty.

Students who remain but one year in this course are required

Courses of Instruction

to take: Chemistry 1, 2; Hygiene; Physics 1, 2; Zoölogy 1, 2; French or German.

Students who remain two years in this course are required to take: *First Year*: Chemistry 1, 2; English 1, 2, 4; Hygiene; Zoölogy 1, 2; Physics 1, 2. *Second Year*: Chemistry 3, 4; Zoölogy 3, 4; French or German; and one elective.

Lectures

ANNIE TALBOT COLE LECTURESHIP

This lectureship was founded by Mrs. Calista Mayhew, of South Orange, N. J., in memory of her niece, Mrs. Samuel Valentine Cole, of Norton, Mass. The incumbent, appointed for one year, gives a series of lectures before the College. These lectures are open to the public. According to the provision of the donor, this lectureship is to "aim at contributing to the ennoblement and enrichment of life by standing for the idea that life is a glad opportunity. It shall, therefore, exhibit and endeavor to make attractive the highest ideals of character and conduct, and also, in so far as possible, foster an appreciation of the beautiful as revealed through nature, poetry, music and the fine arts."

BENJAMIN APTHORP GOULD FULLER LECTURESHIP

This lectureship, founded in 1911 in memory of Benjamin Apthorp Gould Fuller, A.M., of the Class of 1839, provides for instruction in Social Hygiene.

Bowdoin College

SCHEDULE OF COURSES

	8.30	9.30	10.30	11.30
Mon.	German 5 Latin A Math.1, Div. A Math.1, Div. C Phil. 1 Physics 1	Astronomy 1 English 15 French 3 Geology 1 History 7 Math.1, Div. B Math.1, Div. D	Chemistry 1 Ger. 1, Div. A History 11 Latin 5 Spanish 1 Zoölogy 5	French 7 French 9 Govt. 2 History 5 Math. 3 Phys. Tr. 1 Surveying 1 Zoölogy 5
Tues.	Art 1 Greek 1 Latin 3 Math.1, Div. A Math.1, Div. C Music 1 Psych. 1	Economics 1 Eng. 1, Div. C Ger. 3, Div. A Greek 7 Math.1, Div. B Math.1, Div. D Music 3 Zoölogy 9	Economics 5 Eng. 1, Div. A Ger. 1, Div. A Ger. 3, Div. B Greek 3 Latin1, Div. B Music 5 Surveying 1	Economics 3 Eng. 1, Div. B English 3 German 7 Latin1, Div. A Phil. 3 Surveying 1
Wed.	German 5 Greek 1 Latin A Math.1, Div. A Math.1, Div. C Phil. 1 Physics 1	Astronomy 1 English 15 French 3 Geology 1 History 7 Math.1, Div. B Math.1, Div. D	Chemistry 1 History 11 Latin 5 Spanish 1 Zoölogy 5	French 7 French 9 Govt. 2 History 5 Math. 3 Phys. Tr. 1 Zoölogy 5
Thurs.	Art 1 Hygiene Latin 3 Music 1 Psych. 1	Economics 1 Eng. 1, Div. B Ger. 3, Div. A Greek 7 Latin1, Div. A Music 3 Zoölogy 9	Economics 5 Eng. 1, Div. A Ger. 1, Div. A Ger. 3, Div. B Greek 3 Latin1, Div. B Music 5 Surveying 1	Economics 3 English 3 German 7 Phil. 3 Phys. Tr. 1 Surveying 1
Fri.	German 5 Greek 1 Latin A Math.1, Div. A Math.1, Div. C Phil. 1 Physics 1	Astronomy 1 Eng. 1, Div. C English 15 French 3 Geology 1 History 7 Math.1, Div. B Math.1, Div. D	Chemistry 1 Eng. 1, Div. A Ger. 1, Div. A History 11 Latin1, Div. B Latin 5 Spanish 1 Zoölogy 5	Eng. 1, Div. B French 7 French 9 Govt. 2 History 5 Latin1, Div. A Math. 3 Zoölogy 5
Sat.	Art 1 Greek 1 Latin 3 Music 1 Psych. 1	Economics 1 Eng. 1, Div. C Ger. 3, Div. A Greek 7 Latin1, Div. A Music 3 Zoölogy 9	Economics 5 Eng. 1, Div. A Ger. 3, Div. A Greek 3 Latin1, Div. B Music 5	Economics 3 Eng. 1, Div. B English 3 German 7 Phil. 3

Schedule of Courses

FIRST SEMESTER, 1915-1916

	1.30	2.30	3.30	4.30
Mon.	Ger. 1, Div. B History 1 Physics 7 Zoölogy 1	Chemistry 3 French 1 Ger. 1, Div. C Physics 7	Phys. Tr. 2	Phys. Tr. 4
Tues.	Drawing 1 English 17 Ger. 1, Div. B Latin A Psych. 5	Drawing 1 Ger. 1, Div. C German 11 Psych. 5	Drawing 1 German 11 Psych. 5	Phys. Tr. 3
Wed.	History 1 Physics 7 Zoölogy 1	Chemistry 3 French 1 Physics 7	Phys. Tr. 2	Phys. Tr. 4
Thurs.	Drawing 1 Eng. 1, Div. C English 17 Ger. 1, Div. B Psych. 5	Chemistry 5 Drawing 1 English 5 Ger. 1, Div. C Psych. 5	Drawing 1 Phys. Tr. 2 Psych. 5	Phys. Tr. 3
Fri.	English 17 Ger. 1, Div. B History 1 Physics 7 Zoölogy 1	Chemistry 3 French 1 Ger. 1, Div. C Physics 7	Phys. Tr. 3	Phys. Tr. 4

Monday, Tuesday, Thursday evenings 7.00-8.30, English 7.
Tuesday evening 7.00-9.30, English 5.

Courses not scheduled are at the convenience of instructor and students.

Bowdoin College

SCHEDULE OF COURSES

	8.30	9.30	10.30	11.30
Mon.	Botany 1	Astronomy 2	Chemistry 2	French 8
	German 6	Botany 1	Ger. 2, Div. A	French 10
	Latin B	English 16	History 12	Govt. 1
	Math. 2, Div. A	French 4	Spanish 2	History 6
	Math. 2, Div. C	History 8	Zoölogy 6	Latin 8
	Phil. 2	Math. 2, Div. B		Math. 4
	Physics 2	Math. 2, Div. D		Phys. Tr. 1
				Surveying 2
				Zoölogy 6
Tues.	Art 2	Economics 2	Economics 8	Economics 4a
	Greek 2	Economics 6	Eng. 2, Div. A	Eng. 2, Div. B
	Latin 4	Eng. 2, Div. C	Ger. 2, Div. A	English 10
	Math. 2, Div. A	Ger. 4, Div. A	Ger. 4, Div. B	German 8
	Math. 2, Div. C	Greek 8	Greek 4	Latin 2, Div. A
	Mineralogy 1	Math. 2, Div. B	Latin 2, Div. B	Phil. 4
	Music 2	Math. 2, Div. D	Surveying 2	Surveying 2
	Psych. 2	Music 4		
Wed.	Botany 1	Astronomy 2	Chemistry 2	French 8
	German 6	Botany 1	History 12	French 10
	Greek 2	English 16	Spanish 2	Govt. 1
	Latin B	French 4	Zoölogy 6	History 6
	Math. 2, Div. A	History 8		Latin 8
	Math. 2, Div. C	Math. 2, Div. B		Math. 4
	Phil. 2	Math. 2, Div. D		Phys. Tr. 1
	Physics 2			Zoölogy 6
Thurs.	Art 2	Economics 2	Economics 8	Economics 4a
	Latin 4	Economics 6	Eng. 2, Div. A	English 10
	Mineralogy 1	Eng. 2, Div. B	Ger. 2, Div. A	German 8
	Music 2	Ger. 4, Div. A	Ger. 4, Div. B	Phil. 4
	Psych. 2	Greek 8	Greek 4	Phys. Tr. 1
		Latin 2, Div. A	Latin 2, Div. B	Surveying 2
		Music 4	Surveying 2	
Fri.	Botany 1	Astronomy 2	Chemistry 2	Eng. 4, Div. F
	Eng. 4, Div. C	Botany 1	Eng. 4, Div. D	French 8
	German 6	Eng. 4, Div. E	Ger. 2, Div. A	French 10
	Greek 2	English 16	History 12	Govt. 1
	Latin B	French 4	Latin 2, Div. B	History 6
	Math. 2, Div. A	History 8	Spanish 2	Latin 2, Div. A
	Math. 2, Div. C	Math. 2, Div. B	Zoölogy 6	Latin 8
	Phil. 2	Math. 2, Div. D		Math. 4
	Physics 2			Zoölogy 6
Sat.	Art 2	Economics 2	Economics 8	Economics 4a
	Greek 2	Economics 6	Eng. 2, Div. A	Eng. 2, Div. B
	Latin 4	Eng. 2, Div. C	Ger. 4, Div. B	English 10
	Mineralogy 1	Ger. 4, Div. A	Greek 4	German 8
	Music 2	Greek 8	Latin 2, Div. B	Phil. 4
	Psych. 2	Latin 2, Div. A		
		Music 4		

Schedule of Courses

SECOND SEMESTER, 1915-1916

	1.30	2.30	3.30	4.30
Mon.	Ger. 2, Div. B History 2 Latin B Physics 8 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Ger. 2, Div. C Physics 8	Phys. Tr. 2	Phys. Tr. 4
Tues.	Drawing 2 English 18 Ger. 2, Div. B Psych. 6	Drawing 2 Ger. 2, Div. C German 12 Psych. 6	Drawing 2 German 12 Psych. 6	Phys. Tr. 3
Wed.	History 2 Physics 8 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Physics 8	Phys. Tr. 2	Phys. Tr. 4
Thurs.	Drawing 2 Eng. 2, Div. C English 18 Ger. 2, Div. B Psych. 6	Chemistry 8 Drawing 2 English 6 Ger. 2, Div. C Psych. 6	Drawing 2 Phys. Tr. 2 Psych. 6	Phys. Tr. 3
Fri.	English 18 Ger. 2, Div. B History 2 Physics 8 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Ger. 2, Div. C Physics 8	Phys. Tr. 3	Phys. Tr. 4

Monday, Tuesday, Thursday evenings 7.00-8.30, English 8.

Tuesday evening 7.00-9.30, English 6.

Courses not scheduled are at the convenience of instructor and students.

Resources and Equipment

RESOURCES

The interest bearing funds of Bowdoin College, including \$188,000.00 belonging to the Medical School, at the close of each fiscal year for the last six years were as follows:

May 10, 1910, \$2,017,733.79	Mar. 31, 1913, 2,210,503.96
May 10, 1911, 2,126,832.30	Mar. 31, 1914, 2,263,717.80
Mar. 30, 1912, 2,149,485.86	Mar. 31, 1915, 2,264,034.14

During the fiscal year ending Mar. 31, 1915, the expenditure for the maintenance of the College amounted to \$152,016.81.

THE COLLEGE BUILDINGS

There are fourteen college buildings: Massachusetts Hall, the administrative building; Maine Hall, Winthrop Hall and Appleton Hall, the dormitories; the Chapel; Seth Adams Hall and Memorial Hall, recitation buildings; Sargent Gymnasium, now used in part for the Bowdoin Union and in part for the central heating and lighting plant; the Observatory; the Walker Art Building; the Mary Frances Searles Science Building; Hubbard Hall, the library building; the Hubbard Grand-Stand and athletic quarters; and the Gymnasium and General Thomas Worcester Hyde Athletic Building.

These buildings and their equipment are described and illustrated in a pamphlet which will be sent gratis upon application to the Dean.

Administration of the College

TERMS AND VACATIONS

The Academic Year is divided into two Semesters, or terms, of equal length. Commencement Day is the fourth Thursday of June. The Summer Vacation of thirteen weeks follows Com-

Administration of the College

mencement Day. There are two periods of vacation during the year; the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of about ten days at or near the first of April. The following are also observed as holidays: Columbus Day, Thanksgiving Day, Washington's Birthday, Patriots' Day, Memorial Day and Ivy Day.

REGISTRATION

All students are required to register on the first day of each Semester, except that Freshmen on entering college are required to register on Wednesday afternoon preceding the opening of the academic year. A fee of two dollars is charged for registration after the opening day.

COLLEGE BILLS

Bills, containing college charges, are mailed to the parent or guardian of each student at the close of each Semester; these bills become payable at once.

No student will be advanced in class standing until all the dues of the previous year have been paid; and no degrees will be conferred upon students who have not paid all their dues to the College.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

During the time that term bills which are overdue remain unpaid a student receives no credit for college work.

ESTIMATED EXPENSES

The following table exhibits three scales of annual expenditure. Room rent, heat, and light are estimated on the supposition that two students occupy the same room, thus materially reducing the expense. No attempt is made to estimate such expenses as furniture, traveling expenses, class dues, athletic sub-

Bowdoin College

scriptions, and fraternity fees, since the taste and character of individual students vary to such a degree that all such estimates are of little value.

	Lowes	Average	Liberal
Tuition	\$100.00	\$100.00	\$100.00
Incidental college charges	6.50	6.50	6.50
Room rent (two persons sharing a room)	36.00	40.00	54.00
Lighting (\$6 per lamp per year)	6.00	12.00	18.00
Board (thirty-six weeks, \$4 to \$5)	144.00	162.00	180.00
Books and stationery	10.00	20.00	40.00
Washing	10.00	18.00	27.00
	\$312.50	\$358.50	\$425.50

Rooms, including their daily care, in the college dormitories may be rented at prices varying from \$72 to \$108 a year. The price may be halved if the room is shared with another student, as is usually the case. The item of steam heat is included. Electric lights are furnished at the rate of \$6 per 25-watt lamp per year. None of the college rooms are furnished. Application for rooms should be made to the Treasurer.

A pamphlet on expenses, scholarship aid and self-help has been prepared, which will be sent gratis on application to the Dean.

FEES FOR EXTRA COURSES

The payment of fees for extra courses is regulated by the following provisions:

(1) The sum of seven dollars and a half (\$7.50) is charged for each extra course (save as provided in 4, below), the same to be paid in advance and to be rebated at the close of the Semester in which the course is taken, provided the four regular courses and the extra course be passed, and the extra course be not taken to remove a condition previously incurred in that subject or substituted for a condition in some other subject. (2) Such charges are remitted in the case of the two required fifth courses, provided these be not taken prior to Senior year. (3)

Administration of the College

Courses repeated for the removal of a condition and courses substituted for such conditions are regarded as extra courses.

(4) For each of the three subjects in Freshman Mathematics, and for Hygiene and English 4, the charge is pro rata whenever these subjects are in question under the preceding provisions.

ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily college prayers which are held on each week day at 8.20 A. M., and on Sundays at 5 P. M.

EXAMINATIONS

The regular examinations of the College are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the Dean has power to suspend the action of this rule.

RANK

The rank of a student in each course is computed on a scale of ten (10), but is preserved on the college records in the letters A, B, C, D and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7; E, a rank lower than 6, and a condition.

REPORTS OF STANDING

A report of the rank of each student is sent to his parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from chapel.

Bowdoin College

REQUIREMENTS FOR DEGREES

In order to be recommended for the degree of Bachelor of Arts or Bachelor of Science, a candidate must have passed thirty-four courses,—a course is a subject pursued for one Semester,—together with English 4, Hygiene and four courses in Physical Training. He must, moreover, have attained a grade of C or higher in half his courses.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the Master's degree consist of a full year's residence devoted to such advanced study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

DEGREES WITH DISTINCTION

The Degree of Bachelor of Arts or Bachelor of Science with Distinction is awarded in three grades:

Cum Laude. A candidate is recommended for a degree *cum laude* who has obtained a grade of A or B in seven-eighths of his courses.

Magna cum Laude. A candidate is recommended for a degree *magna cum laude* who has obtained a grade of A in three-fourths, and B in another eighth of his courses.

Summa cum Laude. A candidate is recommended for a degree *summa cum laude* who has obtained a grade of A in seven-eighths of his courses. A candidate for a degree *summa cum laude* must have been in residence at Bowdoin College at least three years.

RELIGIOUS EXERCISES

Prayers are held each morning except Sunday in the college Chapel, and a vesper service is held on Sunday. All students are required to be present. From time to time during the year prominent clergymen of various denominations come to Bruns-

Administration of the College

wick as College Preachers. They occupy the pulpit of the First Parish Church in the morning and speak in the college Chapel in the afternoon.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is an undenominational student organization, membership in which is open to every undergraduate. This year eighty per cent. of the students are enrolled as members.

The Y. M. C. A. stands definitely for a life governed by the principles of Christ as interpreted to meet the actual needs of college men. The Association conducts many lines of work. Occasional meetings are addressed by laymen, prominent and successful in business and professional fields. Each College Preacher meets the students of the College informally at one of the fraternity houses, on the Sunday evening of his visit.

Short, well defined courses in Bible study and in Mission study are offered to Freshmen. The social service activities include classes in English which are conducted among the mill men in Brunswick and in Pejepscot. In addition to this work a Sunday School is conducted in a nearby town, clothing and magazines are collected for charitable institutions, a text-book loan library is maintained for needy students, and an employment bureau is conducted by the General Secretary.

The Association has the services of a General Secretary whose office is in the Bowdoin Union. All students are welcome to consult him about any matter in which he can be of service.

BOARD OF PROCTORS

The maintenance of order in the dormitories and the responsibility for their proper care are vested in a Board of Proctors. The members for the year 1915-1916 are:

The DEAN, *Chairman*

James Alfred Dunn
Herbert Henry Foster
Samuel Fraser

Laurence Irving
Guy Whitman Leadbetter
Dwight Harold Sayward

Bowdoin College

STUDENT COUNCIL

The Student Council is composed of ten members from the Senior class and two from the Junior class elected annually by the undergraduates. In matters pertaining to student affairs it makes recommendations to the student body, and occasionally to the Faculty. The members for the year 1915-1916 are:

Guy Whitman Leadbetter, *President*

James Alfred Dunn, *Secretary*

Herbert Henry Foster	Leland Stanford McElwee
Samuel Fraser	James Burleigh Moulton
Richard Stearns Fuller	Dwight Harold Sayward
Edward Philip Garland	Nathaniel Upham McConaughy
William Dunning Ireland	Lawrence Howard Marston

ATHLETIC COUNCIL

The regulation of the athletic interests of the College is accomplished by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the College, and five each from the alumni and student bodies. The members for the year 1915-1916 are as follows:

Alumni

Chas. Taylor Hawes, *Chairman*
Franklin Conant Payson
Barrett Potter
George Colby Purington
Donald Cameron White

Students

James Alfred Dunn
Guy Whitman Leadbetter
Nath'l Upham McConaughy
Frank Edward Phillips
Willard Arnold Savage

Faculty

Professor Frank Nathaniel Whittier
Professor Paul Nixon

BOWDOIN UNION

The Bowdoin Union is designed as a general gathering place for all students of the college. There are three rooms comfort-

Administration of the College

ably equipped for class meetings, rehearsals, and general recreation. The large central lounging room is specially adorned by a fourteen-foot fireplace, given in memory of Richard A. Lee, John F. Morrison and James B. Lamb, of the Class of 1908, all of whom died while students in college. One of the remaining rooms is used as a reading room, and is well supplied with daily newspapers and magazines. All three rooms can be thrown together to accommodate large assemblies.

FRATERNITY LIFE

The students of the College have divided themselves into groups for the purposes of social and personal relations. Eight of these groups are chapters of national Greek-letter societies. The Bowdoin Club, established recently in one of the college houses, gives an opportunity for all others to enjoy many of the social and home-like advantages of fraternity life.

MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY, of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician, Dr. Whittier, whose office is in the Gymnasium.

Scholarships

By the recent bequest of Joseph Edward Merrill, of the Class of 1854, \$4,000 annually has been added to the amount distributed to students in the form of scholarships. At present the total amount devoted to scholarships and prizes in aid of meritorious students of slender means is over \$13,000 annually.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the College. They

Bowdoin College

must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 15th.

LAWRENCE FOUNDATION. A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass. (1847)

BROWN MEMORIAL SCHOLARSHIPS. A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856. According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year. (1865)

ALFRED JOHNSON SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845, in memory of his grandfather, REV. ALFRED JOHNSON, and his father, HON. ALFRED JOHNSON. (1870)

WILLIAM B. SEWALL SCHOLARSHIP. A scholarship of \$1,000 founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq. (1870)

STEPHEN SEWALL SCHOLARSHIP. A scholarship of \$1,000 given by Deacon STEPHEN SEWALL of Winthrop. (1871)

SHEPLEY SCHOLARSHIP. A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine. (1871)

MARY L. SAVAGE MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE. (1872)

AND EMERSON SCHOLARSHIPS. A fund amounting at present to \$7,000, given by AND EMERSON, Esq., of Boston, through Rev. EDWIN BONAPARTE WEBB, D.D. (1875)

BENJAMIN DELANO SCHOLARSHIP. A scholarship of \$1,000,

Scholarships

bequeathed by Captain BENJAMIN DELANO of Bath. (1877)

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

MARY CLEAVES SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES. (1871)

JOHN C. DODGE SCHOLARSHIP. A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D. (1872)

CRAM MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country. (1872)

CHARLES DUMMER SCHOLARSHIPS. A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers. (1874)

BUXTON SCHOLARSHIP. A fund at present amounting to \$3,800, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., to aid deserving students, preference being given to natives and residents of Buxton. (1875)

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving and needy. (1875)

W. W. THOMAS SCHOLARSHIPS. Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions. (1875)

PIERCE SCHOLARSHIP. A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE. (1878)

G. W. FIELD SCHOLARSHIPS. Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

(1881)

Bowdoin College

BLAKE SCHOLARSHIP. A fund of \$4,000, bequeathed by Mrs. NOAH WOODS, of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873. (1882)

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston. (1884)

JAMES MEANS SCHOLARSHIP. A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country. (1885)

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions. (1887)

NATHANIEL McLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL McLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856. (1887)

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop. (1887)

LOCKWOOD SCHOLARSHIP. A scholarship of \$1,000, established by Mrs. SARAH F. LOCKWOOD, in memory of Hon. AMOS DeFOREST LOCKWOOD, a former treasurer of the College. (1888)

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of \$1,000, given by Dr. FREDERIC H. GERRISH, LL.D., in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864. (1890)

GARCELON AND MERRITT FUND. The sum of \$1,000 from the income of the GARCELON AND MERRITT FUND is appropriated for the aid of worthy students. (1891)

CYRUS WOODMAN TRUST FUND. A fund, now amounting to \$35,000, established by CYRUS WOODMAN, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships. (1891)

JOSEPH N. FISKE SCHOLARSHIP. A scholarship of \$1,000,

Scholarships

given by Mrs. CHARLOTTE M. FISKE, of Boston, in memory of her husband. (1896)

JOSEPH LAMBERT FUND. A bequest of \$1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass. (1896)

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot. (1897)

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions. (1897)

MOSES M. BUTLER SCHOLARSHIPS. A fund of \$10,000, given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships. (1902)

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of \$2,500, given by Hon. DEALVA S. ALEXANDER, LL.D., of Buffalo, N. Y., of the Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions. (1902)

JOHN PRESCOTT WEBBER, JR., SCHOLARSHIP. A sum of \$2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in memory of his son, JOHN PRESCOTT WEBBER, JR., of the Class of 1903. (1902)

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of \$2,000, given by Miss ELLEN J. WHITMORE, of Brunswick. (1902)

CYRUS WOODMAN SCHOLARSHIPS. A fund now amounting to \$3,400, given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father. (1902)

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of \$100 is given each year by LOUIS CLINTON HATCH, Ph.D., of Bangor, of the Class of 1895, as a scholarship in memory of his collegemate, FRED WHITNEY FLOOD. (1902)

WILLIAM LAW SYMONDS SCHOLARSHIP. A fund of \$3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of

Bowdoin College

the Class of 1854, the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature. (1902)

CLASS OF 1872 SCHOLARSHIP. A fund of \$2,500, given by the Class of 1872. (1902)

CHARLES M. CUMSTON SCHOLARSHIP. A fund of \$23,850, given by CHARLES McLAUGHLIN CUMSTON, LL.D., of the Class of 1843, the income to be given preferably to graduates of the English High School of Boston. (1903)

ALBION HOWE MEMORIAL LOAN FUND. A sum of \$1,200, given by LUCIAN HOWE, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother, ALBION HOWE, of the Class of 1861. (1903)

CLASS OF 1881 SCHOLARSHIP. A fund of \$2,000, given by the Class of 1881. (1907)

RICHARD ALMY LEE SCHOLARSHIP. A scholarship providing for the tuition of one student. Established by ELIZABETH ALMY LEE in memory of her son, a Senior of the Class of 1908, who, with his friend and companion, John Franklin Morrison, of the same class, lost his life, July 9, 1907, while on a pleasure cruise along the coast. In making the award preference will be shown to the Beta Theta Pi Fraternity. (1908)

ANNIE E. PURINTON SCHOLARSHIP. A fund of \$5,000, given by Mrs. D. WEBSTER KING in memory of her sister, Miss ANNIE E. PURINTON, for the establishment of a scholarship "the income thereof to be used to assist some deserving student through his college course, preference being given to a Topsham or Brunswick boy." (1908)

GEORGE P. DAVENPORT LOAN AND TRUST FUND. A sum of \$554.79, given by GEORGE P. DAVENPORT, A.M., of Bath, Maine, for the establishment of a loan fund. (1908)

JOSEPH E. MERRILL SCHOLARSHIPS. Four thousand dollars per year, from the income of the JOSEPH E. MERRILL FUND to assist needy and deserving American-born young men, preference being given to those born in the state of Maine, in securing an education at Bowdoin College. (1908)

Scholarships

EDWARD HENRY NEWBEGIN SCHOLARSHIP. A fund of \$1,500, given by HENRY NEWBEGIN, A.M., of the Class of 1857, to establish a scholarship in memory of his son, Rev. EDWARD HENRY NEWBEGIN, of the Class of 1891. To be awarded under certain conditions. (1909)

RICHARD WOODHULL SCHOLARSHIP. The sum of \$10,000, given by Mrs. MARY E. W. PERRY to found and maintain a scholarship to be named for her father, Rev. RICHARD WOODHULL, of the Class of 1827, preference to be given to his descendants. (1911)

DANA ESTES SCHOLARSHIP. A bequest of \$2,500 from DANA ESTES, A.M., late of Brookline, Mass. (1911)

EDWARD F. MOODY SCHOLARSHIP. A bequest of \$2,000 from Miss INEZ A. BLANCHARD of Portland, the income to be given to one or more meritorious students for proficiency in chemistry. (1911)

CLASS OF 1903 SCHOLARSHIP. A fund of \$2,500, given by the Class of 1903 on their decennial reunion, the income to be given preferably to worthy and needy descendants of members of the Class. (1913)

HUGH J. CHISHOLM SCHOLARSHIP. The sum of \$5,000, given by Mrs. HUGH J. CHISHOLM in memory of her husband. (1914)

EPHRAIM CHAMBERLAIN CUMMINGS SCHOLARSHIPS. The sum of \$3,000, given by Mrs. EPHRAIM C. CUMMINGS in memory of her husband, EPHRAIM C. CUMMINGS, A.M., of the Class of 1853. (1914)

EDWARD A. DRUMMOND SCHOLARSHIPS. The sum of \$5,000 from the bequest of EDWARD A. DRUMMOND, the income to be given preferably to students from Bristol, Maine. (1914)

JOHN F. HARTLEY SCHOLARSHIP. A bequest of \$15,000 from FRANK HARTLEY, M.D., in memory of his father, JOHN FAIRFIELD HARTLEY, LL.D., of the Class of 1829, the income to be awarded to one or more students or graduates of the College intending to enter the profession of the law. Four undergraduate scholarships of \$150.00 each will be awarded from this foundation unless specially voted otherwise. (1914)

Bowdoin College

CHARLES F. LIBBY SCHOLARSHIP. A bequest of \$3,000 from Hon. CHARLES F. LIBBY, LL.D., of the Class of 1864, the income to be given to a "deserving young man who is a resident of the city of Portland, and who has been educated in its public schools and who is pursuing a classical course." (1915)

Graduate Scholarships

CHARLES CARROLL EVERETT SCHOLARSHIP. Certain real estate in Brunswick, bequeathed by Miss MILDRED EVERETT, to found a scholarship in memory of her father, CHARLES CARROLL EVERETT, D.D., of the Class of 1850, the net income of which is given to that member of the graduating class of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country. (1903)

HENRY W. LONGFELLOW GRADUATE SCHOLARSHIP. A fund of \$10,000, given by the daughters of HENRY W. LONGFELLOW—Miss Alice M. Longfellow, Mrs. Edith L. Dana, and Mrs. Anne L. Thorp—for a graduate scholarship "that would enable a student, after graduation, to pursue graduate work in some other college, or abroad, if considered desirable; the work to be done in English, or general literature, and the field to be as large as possible—Belles Lettres in a wide sense. The student to be selected should be some one not merely proficient in some specialty, or with high marks, but with real ability in the subject, and capable of profiting by the advanced work, and of developing in the best way." (1907)

Prizes

DAVID SEWALL PREMIUM. A prize amounting to Ten Dollars is awarded annually to a member of the Freshman class for excellence in English Composition. (1795)

CLASS OF 1868 PRIZE. A prize of Forty-five Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior class. (1868)

Prizes

SMYTH MATHEMATICAL PRIZE. A fund of \$6,500, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of Professor WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at its discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time. (1876)

SEWALL GREEK PRIZE. A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, D.D., of Brookline, Mass., of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore class who sustains the best examination in Greek. (1879)

SEWALL LATIN PRIZE. A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore class who sustains the best examination in Latin. (1879)

GOODWIN COMMENCEMENT PRIZE. A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part. (1882)

PRAY ENGLISH PRIZE. A prize of Forty-five Dollars, given by Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition. (1889)

GOODWIN FRENCH PRIZE. A prize of Twenty-five Dollars, given by Rev. DANIEL RAYNES GOODWIN, D.D., is awarded annually to the best scholar in French. (1890)

NOYES POLITICAL ECONOMY PRIZE. This prize, consisting of the annual income of \$1,000, was established by CROSBY STUART

Bowdoin College

NOYES, A.M., and is awarded to the best scholar in Political Economy. (1897)

BROWN COMPOSITION PRIZES. Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN, of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior class for excellence in Extemporaneous English Composition. (1901)

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS, LL.D., of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History. (1901)

BRADBURY DEBATING PRIZES. Prizes amounting to Sixty Dollars, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year for excellence in debating. (1901)

HAWTHORNE PRIZE. A prize of Forty Dollars, given by Mrs. GEORGE C. RIGGS, Litt.D. (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior and Senior classes. (1903)

ALEXANDER PRIZE FUND. This fund was established by Hon. DEALVA S. ALEXANDER, LL.D., of the Class of 1870, to furnish two prizes of Twenty Dollars and Ten Dollars for excellence in select declamation. Competition is open to Freshmen, Sophomores and Juniors. (1905)

PHILO SHERMAN BENNETT PRIZE FUND. This fund was established by Hon. WILLIAM J. BRYAN from trust funds of the estate of the late PHILO SHERMAN BENNETT, of New Haven, Connecticut, the proceeds to be used for a prize for the best essay discussing the principles of free government. Competition is open to Juniors and Seniors. (1905)

ALMON GOODWIN PRIZE FUND. This fund of \$1,000 was established by Mrs. MAUD WILDER GOODWIN, in memory of her husband, ALMON GOODWIN, of the Class of 1862. The annual in-

Physical Training

come is awarded to a Phi Beta Kappa man to be chosen by vote of the Trustees of the College at the end of the recipient's Junior year. (1906)

HILAND LOCKWOOD FAIRBANKS PRIZE FUND. This fund of \$2,000 was established by Captain HENRY N. FAIRBANKS, of Bangor, in memory of his son, HILAND LOCKWOOD FAIRBANKS, of the Class of 1895. One-half of the annual income is awarded for excellence of work in debating (English 5, 6) throughout the year; one-fourth is awarded as two prizes of Fifteen Dollars and Ten Dollars for excellence of work in declamation (English 4) during the second Semester; and the remaining fourth is left at the disposal of the English Department for the promotion of interest in public speaking. (1909)

Physical Training

The Gymnasium and General Thomas Worcester Hyde Athletic Building together form one of the largest and best adapted equipments for physical training in the country.

The Gymnasium has a frontage of 80 feet and a depth of 140 feet. On the first floor are the lockers, dressing rooms, managers' and instructors' rooms, and rooms for boxing, fencing and hand-ball. On the second floor is the main exercising room 112 feet by 76 feet, a smaller exercising room, a trophy room and offices.

The building is equipped with the most approved apparatus, is heated and lighted by modern methods, and is supplied with a ventilating system able to change the air throughout the building every twenty minutes.

The General Thomas Worcester Hyde Athletic Building is connected with the Gymnasium. It has an earth floor 160 feet by 120 feet, and a one-twelfth mile running track ten feet wide. In this building are set off spaces 120 feet by 40 feet for track athletics and 120 feet by 120 feet for a full sized baseball diamond with space to over-run the bases by nearly fifteen feet.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier

Bowdoin College

Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted in all respects for baseball, football, and track athletics.

The Art Collections

The art treasures of the College,—except the portraits and busts in Memorial Hall and the mural paintings in the Chapel,—are exhibited in the Walker Art Building. This building was designed by Messrs. McKim, Mead and White and erected by the Misses Harriet and Sophia Walker of Waltham, Massachusetts, as a memorial of their uncle, Theophilus Wheeler Walker.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis, of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the College by Honorable

The Library

James Bowdoin, and a series of portraits of the presidents and distinguished benefactors of the College. The Boyd Gallery contains, mainly, the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, a collection of Japanese and Chinese works of art, in part owned by the College and in part loaned by Professor William A. Houghton, a collection of objects of Oriental Art given by David S. Cowles, Esq., the Virginia Dox collection of objects of native American art, a collection of original Classical Antiquities from Mycenaean to Roman times given by Mr. Edward P. Warren, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Hon. Harold M. Sewall, Mr. Dana Estes, and other friends of the College. The Sophia Wheeler Walker Gallery contains exclusively works of art given by the Misses Walker, being chiefly specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker.

In the basement are two lecture rooms and a room of Assyrian sculpture. The new lecture room is decorated by a loan collection of marbles, bronzes, paintings, etchings, porcelains and large framed photographs, placed here by Mrs. White in memory of her husband, Percival W. White and son, Richard F. White, of the Class of 1912.

The building is open to visitors throughout the year: on weekdays from 10 A. M. to 12.30 P. M., and from 1.30 to 4.00 P. M., and on Sundays from 2.00 to 4.00 P. M.

The Library

The Library contains 111,000 volumes and several thousand unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Bowdoin Medical School, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in

Bowdoin College

1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a special reading-room for the daily newspapers.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. The library is a depository of the catalogue cards issued by the Library of Congress and this bibliographical collection of increasing value and serviceableness can be consulted by any investigator. Though no formal instruction in bibliography is given, the librarian and his assistants are ready to lend personal aid to inquirers.

During term time, the library is open week-days from 8.30 A. M. to 5.30 P. M., and from 6.45 to 9.45 P. M., and Sundays from 2.00 to 4.50 P. M. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

Annual accessions, which average three thousand volumes,

The Library

are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of the following library funds.

SMYTH LIBRARY FUND. Provision for this fund was made in 1876 by Hon. Henry J. Furber of the Class of 1861, from the excess income of the Smyth Mathematical Prize. Its proceeds are devoted to mathematical books.

SIBLEY LIBRARY FUND. This fund, now amounting to \$7,000, was established in 1881 by Jonathan Langdon Sibley, A.M., Librarian of Harvard College, and is for the purchase of books relating to American history.

SHERMAN LIBRARY FUND. This fund of \$1,000 was established in 1882 by Mrs. John C. Dodge, of Cambridge, Mass., in memory of her brothers, Joseph Sherman, LL.D., of the Class of 1826, and Thomas Sherman, M.D., of the Medical Class of 1828. Its proceeds are given to current literature.

AYER LIBRARY FUND. This fund of \$1,000 was established by the Athenæan Society in 1887 from a bequest of Hon. Samuel Hazen Ayer, of the Class of 1839.

BOND LIBRARY FUND. This fund, amounting to \$7,000, was given by Rev. Elias Bond, D.D., of the Class of 1837. From its income are purchased books relating to religion and ethics.

PACKARD LIBRARY FUND. This fund, based upon receipts from certain publications of the library, is devoted to the purchase of books relating to the State of Maine as a memorial of Professor Alpheus Spring Packard, D.D., of the Class of 1816.

WOOD LIBRARY FUND. This fund of \$1,000 was given in 1890 by Dr. Robert W. Wood, of Cambridge, Mass., of the Medical Class of 1832. From its proceeds are purchased books on sociology.

GEORGE S. BOWDOIN LIBRARY FUND. This fund of \$1,000, given in 1895 by the gentleman whose name it bears, is devoted to the maintenance of a collection of books relating to the Huguenots.

JOSEPH WALKER FUND. This fund, now amounting to \$5,000, was given in 1896 by the Trustees under the will of the late

Bowdoin College

Joseph Walker of Portland. Its proceeds in accordance with a vote of the Boards are applied to the general uses of the library.

PHILIP HENRY BROWN LIBRARY FUND. This fund of \$2,000, the income of which is devoted to the purchase of books on rhetoric and literature, was given in 1901 by the executor of the estate of Captain John Clifford Brown in fulfillment of the latter's desire to establish a memorial of his father, Philip Henry Brown, Esq., of the Class of 1851.

DRUMMOND LIBRARY FUND. This fund of \$3,000 is a memorial of the Rev. James Drummond, of the Class of 1836, and was given in 1907 by his widow and his daughter, Mrs. Charles F. Dole, of Boston, Mass.

CLASS OF 1877 LIBRARY FUND. This fund of about \$1,000 is a class contribution, made for the most part in 1908.

CLASS OF 1882 LIBRARY FUND. This fund of \$2,300 was given by the Class of 1882 as its contribution to the permanent funds of the College in 1908.

CLASS OF 1890 LIBRARY FUND. This fund of about \$1,000 is a class contribution, made in 1908.

CLASS OF 1901 LIBRARY FUND. This fund of about \$1,000 is a class contribution, made in 1908.

FISKE LIBRARY FUND. This fund of \$1,000 was established by the will of Rev. John Orr Fiske, D.D., of the Class of 1837. Its income became available in 1910.

WILLIAM A. PACKARD LIBRARY FUND. This fund of \$5,000 was established in 1910 by the will of Professor William Alfred Packard, Ph.D., D.D., of the Class of 1851. Its income is used "preferably for the purchase of such books as illustrate the Greek and Latin languages and literatures."

BOWDOIN MEDICAL SCHOOL

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REV. WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT.

FRANKLIN CONANT PAYSON, LL.D., *of the Trustees.*
Lecturer on Medical Jurisprudence.

DANIEL ARTHUR ROBINSON, A.M., M.D., *of the Overseers.*

ERNEST BOYEN YOUNG, A.B., M.D., *of the Overseers.*

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JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*

ALFRED KING, M.D., Sc.D., *Professor of Surgery.*

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology and Otology.*

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Bowdoin Medical School

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JAMES EDWARD KEATING, A.B., M.D., *Professor of Clinical Medicine.*

GUSTAV ADOLF PUDOR, A.B., M.D., *Professor of Dermatology.*

WILLIAM HERBERT BRADFORD, A.M., M.D., *Professor of Clinical Surgery.*

GILMAN DAVIS, M.D., *Professor of Diseases of the Nose and Throat.*

HENRY MARSHALL SWIFT, A.B., M.D., *Professor of Neurology.*

ALFRED MITCHELL, A.B., M.D., *Professor of Genito-Urinary Surgery.*

EDVILLE GERHARDT ABBOTT, A.M., M.D., Sc.D., F.A.C.S., *Professor of Orthopedic Surgery.*

THOMAS JAYNE BURRAGE, A.M., M.D., *Professor of Clinical Medicine.*

HENRY DARENYDD EVANS, A.M., *Professor of Public Hygiene.*

FRED PATERSON WEBSTER, A.B., M.D., *Professor of Pediatrics.*

MANTON COPELAND, PH.D., *Professor of Embryology and Histology.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Assistant Professor and Demonstrator of Anatomy.*

RICHARD DRESSER SMALL, A.B., M.D., *Assistant Professor of Obstetrics.*

JOSEPH BLAKE DRUMMOND, A.B., M.D., *Assistant Professor of Anatomy.*

ALFRED OTTO GROSS, PH.D., *Assistant Professor of Embryology and Histology.*

JAMES ALFRED SPALDING, A.M., M.D., *Clinical Instructor in Ophthalmology and Otology.*

Faculty

- HERBERT FRANCIS TWITCHELL, M.D., *Instructor in Clinical Surgery.*
- WALTER DARWIN WILLIAMSON, M.D., *Instructor in Clinical Surgery.*
- RICHARD FITCH CHASE, M.D., *Instructor in Gastro-Enterology.*
- HARRY SMITH EMERY, A.B., M.D., *Instructor in Clinical Medicine.*
- CHARLES MILTON LEIGHTON, A.B., M.D., *Instructor in Clinical Surgery.*
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- W. BEAN MOULTON, A.B., M.D., *Instructor in Diseases of Women.*
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- FRANCIS JOSEPH WELCH, A.B., M.D., *Instructor in Pulmonary Diseases.*
- HAROLD JOSSELYN EVERETT, A.B., M.D., *Instructor in Obstetrics.*
- FORREST CLARK TYSON, M.D., *Instructor in Mental Diseases.*
- CARL MERRILL ROBINSON, A.B., M.D., *Instructor in Anatomy and Superintendent of the Edward Mason Dispensary.*
- LEON STANLEY LIPPINCOTT, A.B., M.D., *Instructor in Physiology.*
- PHILIP WESTON MESERVE, A.M., *Instructor in Chemistry.*

Bowdoin Medical School

FRANCIS WILSON LAMB, M.D., *Clinical Assistant in Orthopedics.*

ALBION HENRY LITTLE, M.D., *Clinical Assistant in Diseases of the Eye and Ear.*

ALFRED WILLIAM HASKELL, M.D., *Clinical Assistant in Ophthalmology.*

HAROLD ASHTON PINGREE, M.D., *Clinical Assistant in Orthopedics.*

JOHN HOWARD ALLEN, M.D., *Clinical Asst. in Otology.*

ERNEST BERTRAND FOLSOM, A.B., M.D., *Clinical Assistant in Medicine.*

ORAMEL ELISHA HANEY, M.D., *Clinical Asst. in Surgery.*

ALBERT KILBURN BALDWIN, A.B., M.D., *Assistant in Clinical Medicine.*

LUCINDA BLAKE HATCH, M.D., *Clinical Assistant in Obstetrics.*

STANWOOD ELMAR FISHER, M.D., *Clinical Assistant in Diseases of the Nose and Throat.*

ERASTUS EUGENE HOLT, JR., A.B., M.D., *Clinical Assistant in Ophthalmology.*

ROLAND BANKS MOORE, M.D., *Clinical Assistant in Pediatrics.*

MERLON ARDEEN WEBBER, A.B., M.D., *Assistant in Surgery.*

MILLARD CARROLL WEBBER, A.B., M.D., *Clinical Assistant in Diseases of the Eye and Ear.*

ADAM PHILLIPS LEIGHTON, JR., M.D., *Assistant in Diseases of Women.*

JAMES DONALD CLEMENT, M.D., *Assistant in Genito-Urinary Surgery.*

ELMER HENRY KING, A.B., M.D., *Assistant Demonstrator of Anatomy.*

CARL HERVEY STEVENS, M.D., *Assistant Demonstrator of Anatomy.*

*GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

*Died, Aug. 6, 1915.

GENERAL STATEMENT

The Bowdoin Medical School was established by the first Legislature of the State. Its course of instruction covers four years of thirty-six weeks each. The studies are distributed through the curriculum according to the following schedule:

FIRST YEAR: Anatomy, Embryology, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Medicine, Surgery, Clinical Pathology, Materia Medica and Pharmacology, Public Hygiene, Diseases of Women, Obstetrics, Diseases of the Skin, Eye, Ear, Nose, Throat, and Genito-Urinary System.

FOURTH YEAR: Medicine, Surgery, Orthopedic Surgery, Therapeutics, Medical Jurisprudence, Medical Ethics, Diseases of Children, Neurology and Mental Diseases, with additional clinical instruction in the studies of the third year.

The total number of hours in the schedule exceeds four thousand.

The students of the First and Second years are instructed at Brunswick, where the School has been situated since its foundation in 1820, and where the scientific departments of Bowdoin College afford facilities for teaching the primary branches. The Third and Fourth year classes are taught in Portland on account of the clinical advantages afforded in that city. A building designed for the use of the School is located on Chadwick Street, near the Maine General Hospital, in which institution nearly all the teachers in the School are medical or surgical officers, and the Directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital (140 beds) is the largest

Bowdoin Medical School

single source of supply of clinical material for the School, Portland has a number of institutions, such as the Maine Eye and Ear Infirmary, the Children's Hospital, the City Hospital, the Marine Hospital, the Female Orphan Asylum, the St. Elizabeth's Orphan Asylum, the Holy Innocents' Home, and the Maine School for the Deaf, and the Maine School for the Blind, which will continue to contribute to bedside instruction of the students. The Edward Mason Dispensary, a gift to Bowdoin College from Mr. and Mrs. Hugh J. Chisholm, increases notably the facilities for clinical teaching.

Admission to the School

REQUIREMENTS FOR ADMISSION

In and after 1916 two years of study in a reputable college will be required for admission to the Medical School. The college preparatory work must include at least one year of Biology, Physics, either French or German, and two years of Chemistry. The work in Chemistry must include General Chemistry with laboratory work, Qualitative Analysis and Organic Chemistry.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the First year, must give satisfactory evidence that they have completed a course or courses of instruction, equivalent in kind and amount to that or those in this school preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates stating that examinations have been passed in other schools are not accepted in lieu of examinations.

Time spent in pharmaceutical, dental and veterinary institutions and in preparatory schools does not entitle a student to examinations for advanced standing.

Students in the Senior class of the Academic department are permitted to take the studies of the First year in the Medical

Admission

department and thus are eligible for the First year final medical examinations.

It is desired that a literal interpretation shall be placed upon the requirements stated for candidates for matriculation, as hitherto there have been not infrequent examples of those who inquire if conditions other than those named will not serve in lieu of the examination.

EXAMINATIONS FOR ADMISSION

Examinations for admission to the First year will be held at 9 A. M. on Thursday, October 19, 1916.

Re-examinations, deferred examinations and examinations for advanced standing for those who desire to enter the Second year will be held in Brunswick, on Friday, October 20, 1916, examination in anatomy at 8 A. M., in physiology at 2 P. M. Re-examinations, deferred examinations and examinations for advanced standing for those wishing to enter the Third year will be held in Portland on Saturday, October 21, 1916, examination in anatomy at 9 A. M., in physiology at 2 P. M. Re-examinations, deferred examinations and examinations for those wishing to enter the Fourth year will be held in Portland on Friday and Saturday, October 20 and 21, 1916, at hours to be hereafter appointed.

COURSES OF INSTRUCTION

ANATOMY

PROFESSOR TOBIE, ASSISTANT PROFESSORS ELLIOTT AND DRUMMOND AND DOCTORS ROBINSON, LIPPINCOTT AND KING

1. Systematic Anatomy. Lectures, demonstrations and recitations. Whole year: Tuesday, Friday, 9.30-10.30, except six weeks following the Easter vacation. PROFESSOR TOBIE

2. Recitations. Gerrish's Text-Book. Tuesday, 8.15-9.15, until the Easter vacation. ASSISTANT PROFESSOR DRUMMOND

3. Recitations. Gerrish's Text-Book. Friday, 8.15-9.15.

DOCTOR ROBINSON

4. Osteology and Arthrology. Recitations and student demonstrations from the dried specimens. Whole year: Thursday, 8.15-9.15 and 9.30-10.30, except six weeks following the Easter vacation. ASSISTANT PROFESSOR DRUMMOND

Courses 1, 2, 3, 4 cover osteology, arthrology, myology and splanchnology, the last including the central nervous system and special sense organs. Surface anatomy is studied on the living model and free use is made of dissected specimens, models and casts with which the Calvin Seavey museum is well supplied. Students are provided with disarticulated skeletons which remain in their possession throughout the year.

For First year students.

5. Practical Anatomy. Dissecting. Six weeks following the Easter vacation: six half-days a week.

PROFESSOR TOBIE, ASSISTANT PROFESSORS ELLIOTT AND DRUMMOND AND DOCTORS ROBINSON, LIPPINCOTT AND KING

One hundred and thirty-five hours are devoted to practical anatomy and at least one part of the cadaver is dissected.

For First year students.

Courses of Instruction

6. Systematic and Applied Anatomy. Lectures, demonstrations and quizzes. Whole year: Tuesday, Friday, 8.15-9.15, except six weeks following the Easter vacation.

PROFESSOR TOBIE

This course includes systematic consideration of myology, angiology and neurology. Regional and applied anatomy are treated by lectures, quizzes and demonstrations, the last named involving the use of casts, recent and dried specimens and the living model.

7. Recitations. Gerrish's Text-Book. Myology, angiology, and neurology. Tuesday, 9.30-10.30, until the Easter vacation.

ASSISTANT PROFESSOR DRUMMOND

8. Recitations. Gerrish's Text-Book. Friday, 9.30-10.30.

DOCTOR ROBINSON

Courses 6, 7, 8 are for Second year students.

9. Dissecting. Six weeks following the Easter vacation: daily, 8.00-11.30 and 1.30-5.30.

PROFESSOR TOBIE, ASSISTANT PROFESSORS ELLIOTT AND DRUMMOND AND DOCTORS ROBINSON, LIPPINCOTT AND KING

During the dissecting term students are required to dissect and demonstrate a complete lateral half of the cadaver. In recent years the abundant supply of dissecting material has enabled each student to dissect practically twice the required number of parts. Second year students are required to spend two hundred and seventy hours in the anatomical laboratory and this requirement also, is usually exceeded.

For Second year students.

CHEMISTRY

PROFESSOR CRAM AND MR. MESERVE

1. Analytical Chemistry. First half-year: Monday, Wednesday, Friday, 1.30-4.30.

MR. MESERVE

This course assumes a knowledge of first year chemistry which is required for entrance. The aim of the course is not so much to train analysts as to impart familiarity with chemical substances and principles. The work is mainly in the laboratory, the book used be-

Bowdoin Medical School

ing Tower's Qualitative Chemical Analysis. Most of the time is devoted to qualitative analysis which is followed by a few exercises in quantitative.

For First year students.

2. Organic Chemistry. Second half-year; same hours, except that the Wednesday hours are omitted for the six weeks following the Easter vacation. MR. MESERVE

This course is given mainly by lectures with some laboratory work in the preparation of certain organic compounds. Attention is given to the important classes into which organic compounds are divided and to properties and reactions common to the whole class, rather than to specific compounds and special reactions. The compounds chosen to illustrate each class are as far as possible those of importance to the physician.

3 and 4. Physiological Chemistry. Whole year: Thursday, 8.30-12.30, except six weeks following the Easter vacation.

PROFESSOR CRAM

The book used is Hawk's Practical Physiological Chemistry. The work is mainly in the laboratory, supplemented by assigned readings and quizzes. This is followed by urinary analysis, the analysis of foods, detection of poisons, and the analysis of drugs and medicines.

First year men who have had satisfactory courses in analytical chemistry and organic chemistry, take the regular work in physiological chemistry with the Second year men their First year. In their Second year such men will be given an opportunity to do advanced individual work in the newer methods of urinary analysis and in research. Men desiring to be excused from either first year course should present certificates from previous instructors stating the rank which they have received.

The aim is to make the chemical courses as practical as possible. To this end the student is taught how to construct apparatus and prepare reagents as well as to use them. Particular attention is given also to the literature so that a man may become familiar with the standard works of reference in each department. For this the equipment of the Searles Science Building is fully adequate.

Each student is required to pay in advance at the office of the Deputy Dean a laboratory fee, covering the average cost of chemicals, gas and water. This is \$3.00

Courses of Instruction

for the First year and \$2.00 for the Second year. In addition each pays for apparatus broken or not returned at the end of the term.

DERMATOLOGY

PROFESSOR PUDOR

Didactic and clinical lectures. Dispensary. One hour a week.
Clinic sections, one hour a week.

For Third year students.

DISEASES OF THE NOSE AND THROAT

PROFESSOR DAVIS

Didactic and clinical lectures. Dispensary. One hour a week.
Clinic sections, one hour a week.

Especial attention is given to the anatomy of the parts, to diagnosis, and to the clinical study of the conditions which the general practitioner is most often called upon to treat. Clinical instruction continues through the Fourth year.

For Third year students.

GENITO-URINARY SURGERY

PROFESSOR MITCHELL

Didactic and clinical lectures. Dispensary. One hour a week.
Clinic sections, one hour a week.

For Third year students.

GYNECOLOGY

PROFESSOR THOMPSON AND DOCTORS W. BEAN MOULTON AND
PHILIP P. THOMPSON

1. Lectures, quizzes, recitations and demonstrations. Whole
year: Wednesday, 10.00. PROFESSOR THOMPSON

For Third year students.

2. Course in the examination of female patients. History-

Bowdoin Medical School

taking, instruction in "Touch Examinations." Dispensary.
Whole year: Monday, Thursday, 11.00.

DOCTORS W. BEAN MOULTON AND PHILIP P. THOMPSON

For Fourth year students.

3. A course in the microscopical examination of fresh and prepared sections from gynecological cases. Twelve hours during the second half-year. DOCTOR W. BEAN MOULTON

For Fourth year students.

4. Gynecological operations at the Maine General Hospital of which notice is given.

HISTOLOGY AND EMBRYOLOGY

PROFESSOR COPELAND AND ASSISTANT PROFESSOR GROSS

1. Histology. Text-book, lectures and laboratory exercises.
First half-year Monday, 8.30-11.30, Thursday, 1.30-4.30.

The elementary tissues are first studied, then the microscopic anatomy of the various organs of the human body. Some practice is provided in histological technic.

For First year students.

2. Embryology. Text-book, lectures and laboratory exercises. Second half-year: Monday, 10.30-12.30, Tuesday, 1.30-5.30.

This course serves as an introduction to vertebrate embryology with special reference to the human embryo. It treats of the reproductive cells, maturation, fertilization, cleavage, the formation of the germ layers, the development of the primitive segments, the formation of the fetal membranes and organogeny.

For First year students.

MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS

PROFESSOR HUNT AND DOCTOR DERRY

1. Pharmacology. First half-year: Monday, 8.00-9.00, Tuesday, 8.00-9.00.

This is a text-book course of thirty hours. It gives

Courses of Instruction

the student a general idea of the action of the more important drugs.

For Third year students.

2. Laboratory Materia Medica and Pharmacology. First half-year: Monday, Thursday, 4.00-6.00.

This is a laboratory course of sixty hours. Early in the course are taken up Plant Chemistry, the manufacture of pharmaceutical preparations and the study of incompatibles. The last three-fourths of the course are devoted to experimental pharmacodynamics. The students perform experiments, either individually or in groups, on living animals. These experiments give the students a first-hand knowledge of the action of the more important drugs.

For Third year students.

3. Pharmacology and Therapeutics. Second half-year: Monday, 8.00-9.00, Tuesday, 8.00-9.00.

This is a lecture course of thirty hours. Instruction is by lectures and quizzes. The systematic study of drugs and other remedial agents and their application to the treatment of disease is begun.

For Third year students.

4. Continuation of Course 3. First half-year: Monday, Wednesday, 11.00-1.00.

This is a course of sixty hours.

For Fourth year students.

5. Therapeutics. Second half-year: Monday, Wednesday, 11.00-1.00.

This is a text-book course of sixty hours.

For Fourth year students.

The total number of hours of instruction in this department is 240.

MEDICAL ETHICS

PROFESSOR GERRISH

Medical Ethics. First half-year: Saturday.

A course of lectures on the moral principles, which

Bowdoin Medical School

should control the conduct of the medical practitioner. The sections of the formal code of ethics are discussed and explained, special emphasis being laid upon those portions that most need elucidation; and instruction is given upon various other matters concerning duty, on which the young physician particularly needs advice and guidance.

For Fourth year students.

MEDICAL JURISPRUDENCE

LECTURER PAYSON

Medical Jurisprudence. Second half-year: Saturday.

The instruction in Medical Jurisprudence, in a course of twelve or fifteen lectures followed by an examination, is directed to a discussion of and practical suggestions about:

First: The legal relations between physicians and their patients.

Second: The rights and obligations of physicians when appearing in Courts of Justice as medical expert witnesses.

Third: Certain subjects in legal medicine of importance to physicians which do not fall within either of the foregoing divisions.

For Fourth year students.

MEDICINE

PROFESSORS THAYER, KEATING AND BURRAGE, AND DOCTORS EMERY, MILLIKEN, FILES, WELCH AND FOLSOM

1. A preliminary survey of the whole field of Practice of Medicine as covered in the text-book of Osler. Three hours a week.

PROFESSOR KEATING

2. Practical instruction in physical examinations. Sections. Dispensary. Six hours a week.

PROFESSOR BURRAGE AND DOCTORS MILLIKEN, WELCH AND FOLSOM

3. Clinical Diagnosis. City Hospital. Two hours a week.

PROFESSOR THAYER

Courses of Instruction

4. Tuberculosis clinic. Dispensary. Sections. Tuesday and Friday, 11.30 to 1.00. DOCTOR WELCH

Courses 1, 2, 3 and 4 aim especially to teach a practical technic in the making of succinct case-histories, in the physical examination of patients, and in the laboratory study of blood, stomach-contents, faeces, urine and sputum.

For Third year students.

5. Bedside and laboratory study in wards. Maine General Hospital. Sections. Ten hours a week.

PROFESSOR KEATING AND DOCTORS EMERY AND FILES

6. Specially assigned topics. Case reports. Clinical conferences. Two hours a week. PROFESSOR THAYER

7. Amphitheatre clinic. Tuesday, 9.00-11.00.

PROFESSOR THAYER

Courses 5, 6 and 7 are intended to teach each student to sift his facts,—to correlate the subjective symptoms related by the patient with his own objective findings after examination,—and to reason soundly in the direction of prognosis and treatment.

For Fourth year students.

MENTAL DISEASES

DOCTOR TYSON

Lectures. Laboratory demonstrations. Clinics. Examinations of cases by individual students. Three entire Saturdays at the Maine Insane Hospital.

For Fourth year students.

NEUROLOGY

PROFESSOR SWIFT

Clinics. Lectures. Laboratory work. Recitations. Whole year, Tuesday, Friday, 5.00-6.00.

For Fourth year students.

Bowdoin Medical School

OBSTETRICS

PROFESSOR McDONOUGH, ASSISTANT PROFESSOR SMALL, AND
DOCTORS EVERETT AND HATCH

1. Lecture or Conference. Monday, Friday, 9.00-10.00.

PROFESSOR McDONOUGH

2. Quiz. Saturday, 9.00-10.00.

ASSISTANT PROFESSOR SMALL

3. Section work on manikin. Hours to be assigned.

DOCTOR EVERETT

4. Examinations of patients to determine position and pelvic measurements, and attendance on cases. At Dispensary under direction of Doctor Everett, and at Temporary Home under direction of Doctor Hatch.

Arrangements have been made with the Boston Lying-in Hospital whereby students who have passed examination in obstetrics at end of the Third year, will attend course of ten days or two weeks during summer or fall. If assignments come during school term, credit for attendance is allowed those absent in Boston. There is no added expense. Students must present certificates of attendance on at least six cases (the average number is ten) before presenting themselves for graduation.

OPHTHALMOLOGY AND OTOTOLOGY

PROFESSOR WILLIS BRYANT MOULTON AND DOCTORS LITTLE, ALLEN, HOLT AND M. C. WEBBER

1. Lecture and quiz course. Whole year: one hour a week.
2. Clinics. Maine General Hospital. Whole year: one hour a week during the year.
3. Clinics. Dispensary. Whole year: two hours a week.
4. Fourth year students will receive instruction in sections at the Eye and Ear Infirmary.

Courses of Instruction

ORTHOPEDIC SURGERY

PROFESSOR ABBOTT AND DOCTORS LAMB AND PINGREE

1. Didactic and clinical lectures. Children's Hospital. One hour a week.

2. Individual instruction in clinical examinations, plaster work, dressings and studies in the use of the X-ray. Sections. Ten hours a week.

For Fourth year students.

PATHOLOGY, BACTERIOLOGY AND HYGIENE

PROFESSOR WHITTIER AND DOCTORS FULLER AND LIPPINCOTT

1. Hygiene. Lectures and laboratory work. Second half-year: Thursday, 1.30-4.30, Friday, 10.30-12.30, except six weeks following the Easter vacation.

This course occupies five hours a week for nine weeks. Eighteen of the hours are didactic and twenty-seven are laboratory work. Lectures are given on personal hygiene and include such subjects as exercise, ventilation, sources of food and water supply, first aid in emergency cases, effects of alcohol, and sex hygiene. The course is also designed to give an introduction to Bacteriology and includes introductory lectures on that subject. The laboratory work includes simpler bacteriological technic, microscopical examination of foods, practical experiments in disinfection and routine examinations of water and milk.

For First year students.

2. Bacteriology. Lectures and laboratory work. First half-year until Christmas vacation: Monday, Tuesday, Wednesday, Friday, 1.30-5.30.

This course occupies sixteen hours a week for nine weeks. Forty of the hours are didactic and one hundred and four are laboratory hours. Students are required to prepare most of the media and solutions used in this course. Each student is required to cultivate upon media twelve varieties of pathogenic bacteria and to study their characteristics. Animal inoculations and

Bowdoin Medical School

autopsies are performed by the students. Special attention is given to laboratory diagnosis of tuberculosis, diphtheria and typhoid fever.

For Second year students.

3. General Pathology, including Pathological Histology, also Pathology of the Blood. From Christmas vacation to the end of the year except six weeks following the Easter vacation: Monday, Tuesday, Wednesday, Friday, 1.30-5.30.

This course occupies sixteen hours a week for fifteen weeks. Sixty of the hours are didactic and devoted to quizzes and lectures and one hundred and eighty are laboratory hours. Mallory's text-book is used as a basis for the course in Pathological Histology. The text-book is supplemented by lectures on Gross Pathology and special subjects. As far as possible the consideration of a subject in the classroom is followed by a study of the same subject in the laboratory. Much time is given before the Easter vacation to diagnosis work upon the microscopical preparations. The last two weeks of the course are devoted largely to the study of the pathology of the blood and the technic of blood examinations. Students are trained in counting red and white corpuscles, in estimating amount of hemoglobin, in preparation and examination of stained specimens.

For Second year students.

4. Clinical Pathology. Practical work by assignment in the Portland hospitals and in the school laboratory. Also scheduled work in the school laboratory from the Easter vacation to the end of the year: Tuesday, 2.00-5.00, Wednesday, 2.00-4.00.

The scheduled course occupies five hours a week for nine weeks. Eighteen of the hours are didactic, and twenty-seven are laboratory hours. The course in Clinical Pathology occupies at least eighty hours. Of these only forty-five are scheduled.

Arrangements have been made with the Maine General Hospital, the Maine Eye and Ear Infirmary and the Edward Mason Dispensary for Third year students to do pathological work in these institutions. Regular assignments are made and reports of work done required. By arrangement with the physicians in charge special attention is given to the clinical side of this work.

Instruction is given as opportunity occurs at surgical

Courses of Instruction

clinics and autopsies. In the work at the Medical School building each student examines microscopically tissues and other pathological material obtained at the Maine General Hospital, Maine Eye and Ear Infirmary, Children's Hospital and Edward Mason Dispensary. Whenever possible students are required to obtain material from the patients.

Students receive special training in the technic of preparing bacterial vaccines, also in performing the Wassermann test for syphilis.

For Third year students.

PEDIATRICS

PROFESSOR WEBSTER AND DOCTOR MOORE

1. Recitations based on text-book, together with clinical demonstrations at the Children's Hospital. First half-year: Monday, 5.00, Medical School; Wednesday, 10.00, Children's Hospital.

2. Recitations conducted by the case teaching method, emphasizing differential diagnosis and treatment. Second half-year: at the same hours.

3. Clinical instruction of small sections. Whole year: Tuesday, Thursday, Saturday, 11.00-1.00, Edward Mason Dispensary.

Infant care and feeding at the Portland Milk Station clinic.

Diseases and disorders of children at the Dispensary clinic.

4. Clinical instruction in acute diseases of childhood at the Children's Hospital and at the Female Orphan Asylum. By appointment throughout the school year.

Courses 1, 2, 3, 4 are for Fourth year students.

PHYSIOLOGY

PROFESSOR SMITH AND DOCTORS BOLSTER AND LIPPINCOTT

1. Functions of Nutrition. First half-year: recitations and lectures until December 1; from December 1 to March 28, laboratory work twice weekly, 8.00-10.30. A total of 88 hours.

DOCTOR BOLSTER

Bowdoin Medical School

This course includes the graphic study of Nerve-Muscle physiology; the physical and microscopical study of Blood; the phenomena and physics of Circulation, Respiration, Secretion, Excretion and Digestion; Metabolism and Animal Heat.

The laboratory is equipped with a set of Harvard apparatus sufficient for the use of the entire class in groups, each group having its own complete outfit. There is an ample equipment of demonstration and other apparatus and models.

There are frequent written reviews and quizzes and a final laboratory examination is held at the close of this course.

2. Continuation of Course 1. Recitations, supplementary lectures and demonstrations. Second half-year: Wednesday, Saturday, 8.15-10.30.

PROFESSOR SMITH

Courses 1, 2 are for First year students.

3. Functions of Relation. Recitations and lectures with necessary demonstrations. From opening of year to March 28, twice weekly, 8.15-10.30.

PROFESSOR SMITH

The work includes the study of Reproduction, the Nervous System, the Physiology of Voice and Speech, the Special Senses, and the mechanics of the Muscular System. The equipment in models of the Nervous System and Special Sense organs is ample for all demonstration work, and students have opportunity for personal study of the models of the Nervous System which are of the latest design and of special excellence.

4. Laboratory demonstration exercise, in connection with the Nervous System and the Special Senses. This course will cover over 40 hours. December, January, February, March: Monday, 8.00-11.00.

PROFESSOR SMITH AND DOCTOR LIPPINCOTT

Work in Physiology for the Second year students is suspended for the six weeks of the dissecting term and resumed for review recitations at its close.

Courses 3, 4 are for Second year students.

Instruction in the department of Physiology is conducted with particular reference to the practical application of the facts of human physiology to the needs of the student in his study of the diagnosis and treatment of disease.

A laboratory fee is charged to defray the cost of ma-

Courses of Instruction

terial, which fee must be paid at the office of the Deputy Dean before beginning the laboratory course. This fee is \$2.00 for the First year and \$1.00 for the Second year. Students furnish at their own expense necessary instruments for nerve-muscle dissection, and are charged with the cost of loss and injury to apparatus.

PUBLIC HYGIENE

PROFESSOR EVANS

Public Hygiene. First half-year: Tuesday, 2.45 to 4.45.

Principles of public sanitation. Source and character of public and private water supplies and the interpretation of the results of their analysis. Collection and disposal of waste, sewage and garbage with reference to preventable diseases. Health boards, and their relation to the public. Study of the epidemiology of infectious disease.

For Third year students.

SURGERY

PROFESSORS KING, BROCK AND BRADFORD, AND DOCTORS TWITCH-ELL, WILLIAMSON, C. M. LEIGHTON, HANEY AND
M. A. WEBBER

1. General Surgery. Whole year: Wednesday, Friday, Saturday, 8.00-9.00.

There is special instruction in bandaging, surgical technic, the administration of anaesthetics, the use of surgical instruments, the principles of surgery, general surgery, fractures, dislocations and hernias. This enables students to enter upon their fourth year with a comprehensive view of surgery.

For Third year students.

2. Clinical General Surgery. Whole year: Maine General Hospital, Thursday, 10.00; Mason Dispensary, Monday, 12.00-1.00.

The clinic at the Maine General Hospital is given by a member of the visiting staff. The clinical instruction at the Mason Dispensary is given by the professor of surgery.

For Third year students.

Bowdoin Medical School

3. Special Surgery. Whole year: Monday, Friday, 9.00-10.00, Thursday, 5.00-6.00.

There is instruction in the special surgery of the various organs and tissues of the body, except those taught in special departments.

For Fourth year students.

4. Clinical Special Surgery. Whole year: Ward visits in sections at the Maine General Hospital, Monday, Tuesday, Thursday, Saturday, 11.00-1.00. Operations in the amphitheatre. Operations by students on the cadaver.

Students are notified by telephone of accident cases brought to the Hospital. They are also afforded opportunities by the surgical staff of the Mason Dispensary of observing and assisting in the care of cases in their daily service. The surgical clinical advantages of the City Hospital, Marine Hospital and other institutions in Portland are utilized. While a large amount of surgical clinical material is available, it is the purpose of the School to use it in a way to strengthen and not lead to the neglect of other and essential studies.

For Fourth year students.

Administration

Administration

TERMS AND VACATIONS

The 96th annual course began on Thursday, October 14, 1915, and will continue thirty-six weeks. The systematic course of instruction began on Monday morning, October 18th. Commencement Day is the fourth Thursday of June. The Summer Vacation of sixteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of about ten days near the first of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Patriots' Day and Memorial Day.

REGISTRATION

On arriving in Brunswick students should apply at the office of the Deputy Dean, Dr. F. N. Whittier, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building, on Chadwick street, for the same purpose.

EXPENSES

FOR INSTRUCTION: In each of the required four years, \$100. This shall be paid promptly, one-half at the opening of the course and the balance on the first Tuesday in February.

FOR EXAMINATIONS: Payable at the close of the term of instruction,

In Anatomy	\$5.00
In Physiology	5.00
In Chemistry	5.00
In Bacteriology and Pathology	5.00
In Obstetrics	5.00

Bowdoin Medical School

These five fees are credited on the diploma or graduation fee.

For every re-examination in any of the departments in any year, \$3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid in addition to the prescribed fee for that examination.

MISCELLANEOUS: The Matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, \$3.00 for the First course, \$2.00 for the Second course, payable in advance.

For materials used in the physiological laboratory, \$2.00 for the First course, \$1.00 for the Second course, payable in advance.

For anatomical material, its cost, payable in advance.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been paid in the examination fees of the previous years.

Furnished rooms can be obtained at a rental of from \$1.50 to \$2.50 per week according to the conveniences. A sharing of the above expenses by two students brings the cost within reasonable limits.

The price of board is from \$4.00 to \$5.00 a week.

The cost of living in Portland has been found to be not necessarily in excess of that at Brunswick.

The cost of books is about \$15.00 to \$25.00 a year.

Final examinations for each class are held in the period just preceding Commencement.

EXAMINATIONS AND STANDING

At the end of the First, Second and Third years students who have passed successful examinations will receive certificates from the Secretary.

A student who fails to pass any branch at the required examination in June may present himself for re-examination at the

Requirements for a Degree

beginning of the next course. If he fails at this examination, he will not again be examined in that branch until the expiration of the year, unless admitted to conditions by vote of the Faculty on recommendation of the head of the department in which he has failed.

On recommendation of the head of a department, any student who has failed on examinations as above provided in the study of that department may by vote of the Faculty be allowed to enter upon the work of the next year, but he shall not be admitted to any examination of that year until he will have passed a satisfactory examination in the study or studies which he has previously failed to pass.

No student will be admitted to the privilege of conditions if he has failed in more than two departments.

Every student who fails to maintain a satisfactory standard of work will be warned of his deficiency from time to time, before the end of the term.

An examination which is not completed receives no consideration.

REQUIREMENTS FOR A DEGREE

In order to be recommended for the degree of Doctor of Medicine a candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution, and the last course previous to examinations must have been in this School. He must present a satisfactory certificate of good moral character from a citizen of the town in which he resides. He must also pass a satisfactory examination in the required studies previously specified and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Bowdoin Medical School

The Library

The Library of the Medical School, containing over 5,000 volumes, has been combined with that of the College, which numbers over 106,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room for their especial use. It is not the policy of the School to furnish textbooks through its library, or to buy largely in medical literature; yet by means of the catalogue of the Library of the Surgeon General's Office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

The library of the Maine Academy of Medicine and Science, now the property of the Maine Medical Association, is housed conveniently at the Maine Eye and Ear Infirmary, and is available for the use of students of the Medical School.

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Communications should be addressed to the College Librarian.

INDEX

- Adams, Seth, Hall, 102
- Administration, 102, 149
- Admission by Certificate, 62
 - by Examination, 59
 - Requirements for, 57
 - Subjects of Examinations, 43
 - Time, Places and Order of Examinations, 59-62, 133
 - to Advanced Standing, 63, 133
 - to Medical School, 133
- Advanced Standing, 63, 133
- Aid, Beneficiary and Scholarship, 109
- Alumni Associations, 155
- Anatomy, 134
- Appleton Hall, 102
- Art, 67
- Art Collections, 120
- Astronomy, 67
- Athletic Council, 108
- Athletic Field, 119
- Attendance, 105
- Bacteriology, 143
- Bills, College, 103
- Biology, 68
- Bond, 64
- Botany, 70
- Buildings and Equipment, 102
- Calendar, 2, 3
 - College, 3
 - Medical School, 4
- Certificate, Admission by, 62
- Chapel, 102
- Chemistry, 43, 70, 135
- College Entrance Examination
 - Board, 61
- Commencement Appointments, 34
- Committees of the Boards, 11
- Committees of the Faculty, 42
- Courses of Instruction, 67, 134
- Debating, 76
- Degrees:
 - Bachelor of Arts, 106
 - Bachelor of Science, 106
 - Conferred in 1915, 37
 - Doctor of Medicine, 151
 - Master of Arts, 106
 - Requirements for, 65, 106, 151
 - with Distinction, 106
- Dermatology, 137
- Diseases of the Nose and Throat, 137
- Dispensary, 132
- Dormitories, 102
- Economics, 72
- Education, 74
- Edward Mason Dispensary, 132
- Electives, 65
- Embryology, 138
- English, 44, 75
- Examinations for admission, 43, 133
 - Dates, of 60-62, 133
 - for Advanced Standing, 63, 133
 - Semester and Final, 105, 150
- Expenses, 103, 149
- Extra Courses, 65
 - Fees for, 104
- Faculty, 13
 - College, 41
 - committees, 42
 - Medical School, 127
- Fraternities, 109
- French, 48, 78
- Genito-Urinary Surgery, 137
- Geology, 79
- German, 50, 80
- Gothic, 81
- Government, 85
- Grand Stand, 102
- Greek, 52, 81

Index

- Gymnasium, 119
- Gynecology, 137
- Histology, 138
- Historical Sketch, 5, 131
- History, 53, 83
- Honor Men, 35
- Hubbard Grand-Stand, 102
- Hubbard Hall, 102
- Hyde, General Thomas Worcester
 - Athletic Building, 119
- Hygiene, 85, 143, 147
- Italian, 86
- Latin, 53, 87
- Lectures, 97
- Library, 121, 152
- Maine Hall, 102
- Majors and Minors, 66
- Massachusetts Hall, 102
- Materia Medica, 138
- Mathematics, 55, 89
- Mechanical Drawing, 95
- Medical Ethics, 139
- Medical Jurisprudence, 140
- Medical Preparatory Course, 96
- Medicine, 140
- Memorial Hall, 102
- Mental Diseases, 141
- Minerology, 79
- Music, 91
- Neurology, 141
- Observatory, 102
- Obstetrics, 142
- Office Hours, 4
- Ophthalmology, 142
- Orthopedic Surgery, 143
- Otology, 142
- Overseers, 9
 - Committees, 11
- Pathology, 143
- Pediatrics, 145
- Pharmacology, 138
- Phi Beta Kappa, 34
- Philosophy, 92
- Physical Training, 86, 119
- Physics, 57, 94
- Physiology, 145
- Preachers, College, 19
- Prizes, 116
 - Holders of, 35
- Proctors, 107
- Psychology, 92
- Public Speaking, 75
- Rank and Standing, 105, 150
- Registration, 103, 149
- Religious Exercises, 106
- Required Studies, 64
- Resources and Equipment, 102
- Rooms, 104
- Sargent Gymnasium, 102
- Schedule of Courses, 98
- Scholarships, 109
 - Graduate, 116
- Searles, Mary Frances, Science
 - Building, 102
- Sociology, 72
- Spanish, 95
- Special Students, 63
- Standing, 105, 150
- Student Council, 108
- Students, List of, 20
 - Summary of, 33
- Surgery, 147
- Surveying, 96
- Terms and Vacations, 102, 149
- Testimonials and Certificates, 64
- Therapeutics, 138
- Trustees, 9
 - Committees, 11
- Tuition, 104
- Union, Bowdoin, 108
- Vacations, 102, 149
- Walker Art Building, 102, 120
- Whittier Athletic Field, 119
- Winthrop Hall, 102
- Young Men's Christian Association, 107
- Zoölogy, 68

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